

VOL. I.
Hunt

LOG BOOK

✱ OF ✱

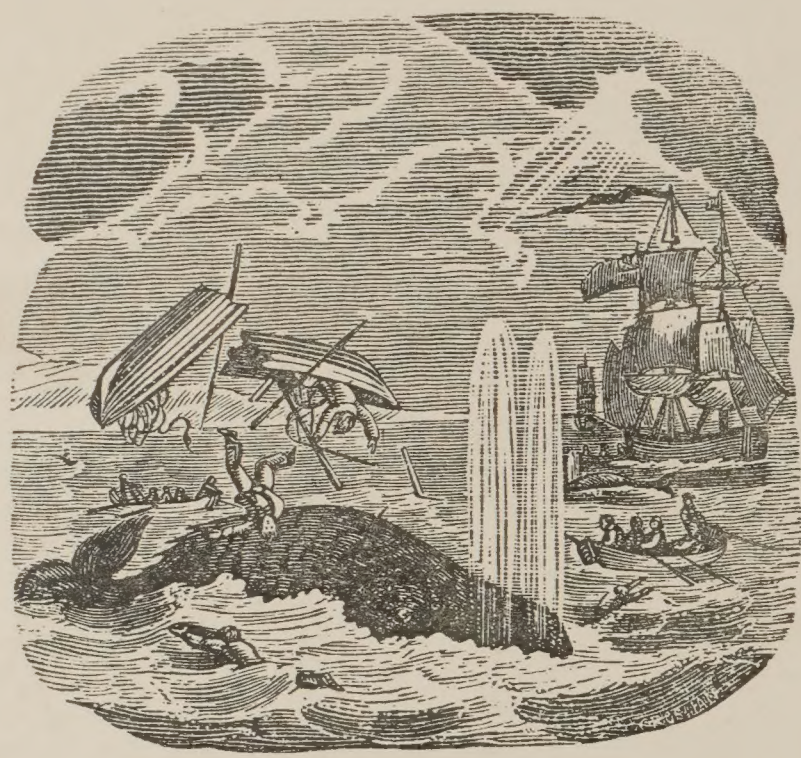
Sarah W. Hunt

Captain Mines

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LOG BOOK.

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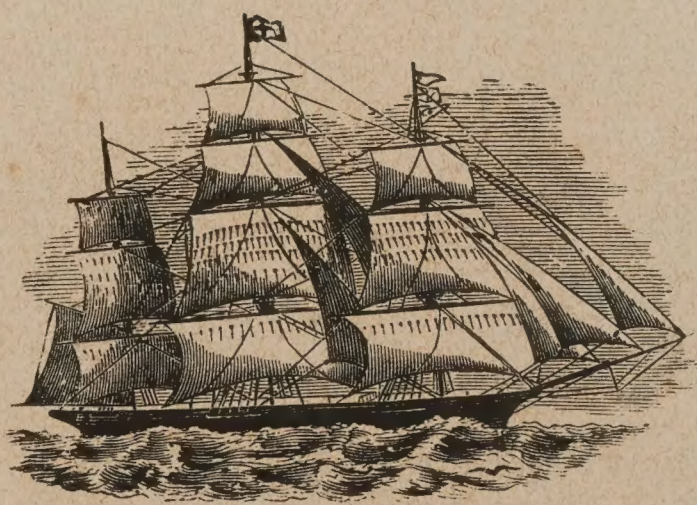
Sarah W. Hunt.

COMMANDED BY

Sanford S. Miner, Master.

Vol. I.

Feb. 20, 1883
to
Nov. 21, 1883.



Lost or aboard
59 + 67-

MICHAEL RUPP & CO.
CHRONOMETER MANUFACTURERS,
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No. 39 SOUTH STREET, COR. OLD SLIP,
NEW YORK.

LOG BOOK.

U.S. COAST AND GEOD. SURV.

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										
2										
3	7		SE W	SW						got under way on Monday with a fine breeze from the. SW.
4	7		"							
5	7		SE W 1/2 W							At 2 P.M. Neversink light bore W distant 12 miles from which I. take my departure
6	7		"							
7	7		"							
8	7		"							
9	7		"							At 8 P.M. had Barnegat à breast. at 12 at night the wind got to N.W. with fresh gales and fine weather till 8 A.M. the rest. calm.
10	7		"							
11	7		"							
12	7		"							
1	7		SE W	NW						
2	7		"							
3	8		"							
4	7		"							
5	6		"							
6	6		"							
7	5		"							
8	2		"							
9	1		"							
10	1		"							
11	1		"							
12	1		"							Pumps attended to

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon by Ob
SE W 1/2 W	121	1° 55'	38	38° 28'	38° 34'		50	74° 33'	74° 17'

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		SE E	SE W						First part light wind from the S. went about ship. at 6 P.M. fresh gales mad
2	3		"	"						Tops and Tilttop sail fast. at 8 P.M.
3	3		"	"						at 12. reef Main sail. went round again at 2 A.M. headen S. till 5.
4	3		"	"						at 5. wind got to wester and we went
5	4		SE E	"						Cours again.
6	4		"	"						at 8 A.M. past Winter Quater Shoal
7	5		W E	"						Light ship. bearing W. and took an observation. rest of day strong
8	6		"	"						gales.
9	6		"	"						
10	6		"	"						
11	6		"	"						
12	6		"	"						
1	6		WN W	SW						
2	6		"	"						
3	4		S	"						
4	4		"	"						
5	6		"	"						
6	6		SE W	W						
7	6		"	"						
8	6		"	"						
9	7		SE W 1/2 W	WN W						
10	7		"	"						
11	7		"	"						
12	7		"	"						Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
SE W 1/2 W	95	69° 5'	64° 7'	37° 24'	37° 25'		81	75° 38'	75° 15'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	8		Y by W	N						First part fresh gales and pleasant weather wind from the Nord. at 8 P.M. wind got lighter took the reef out the Mainsail. at 12 Midnight saw Body Land light bore S W 1/2 W 12 miles distant. at 1 A.M. saw Mattras light house. rest of the day light wind from S W and we had to tack about.
2	8		"	"						
3	8		"	"						
4	8		"	"						
5	6		"	"						
6	6		S	"						
7	6		"	"						
8	4		"	"						
9	3		"	"						
10	2		"	"						
11	3		Y 1/2 E	"						
12	3		"	Y E						
1	3		"	"						Pumps attended to
2	3		"	"						
3	3		"	"						
4	4		"	"						
5	4		"	"						
6	4		"	"						
7	3		"	"						
8	4		"	"						
9	4		"	"						
10	4		Y E	S						
11	4		"	"						
12	4		"	"						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
Y 1/2 E	118'	117.0	4.8	35° 31'	35° 28'		8'	75° 22'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		W	Y W						First part light wind from S W with a pitching Sea, took Topsail and Tibersail in. at 8 P.M. mad Mainsail and Flyn Tib fast. at 9 seth Storm Try sail wind blowen ^{hard} with Cloudy weather and heavy Sea runen lost sight of Mattras at 2 1/2 Clock, steering to Southert. at 8 A.M. wind hauled mor to the Nord and we Gyl ship and steering S Y E rest of the day fresh breez with clear weather.
2	3		S by E	"						
3	3		"	"						
4	3		"	"						
5	3		S	"						
6	3		"	"						
7	4		"	"						
8	4		Y Y E	W						
9	5		"	"						
10	5		"	"						
11	4		"	"						
12	4		S	"						
1	4		"	"						Pumps attended to
2	4		Y Y W	N						
3	4		"	"						
4	4		"	"						
5	4		"	"						
6	5		"	"						
7	5		"	"						
8	5		Y Y E	"						
9	5		"	"						
10	5		"	"						
11	5		"	"						
12	5		"	"						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S	100	91.6		33° 56'	34°			75°	74° 35'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		SE	NE						First part strong gale with cloudy weather from NE. at 4 P.M. took Tibstaysail and Flyntib in and put 2 reef in the Mainsail. at 12 Midnight put 1 reef in the Foresail wind blown hard get with drizzling rain. at 6 A.M. wind hauled a little to the E and continued blown.
2	7		"	"						
3	7		"	"						
4	7		"	"						
5	7		"	"						
6	7		"	"						
7	8		SE 1/2 E	"						
8	8		"	"						
9	8		"	"						
10	8		"	"						
11	8		"	"						
12	8		"	"						
1	8		"	"						
2	8		"	"						
3	8		"	"						
4	8		"	"						
5	8		"	"						
6	8		SE	E						
7	8		"	"						
8	8		"	"						
9	8		"	"						
10	8		"	"						
11	8		"	"						
12	8		"	"						Pumps attend to

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 1/2 E	186.4	177.9	52.4	31° 2'	30° 54'		66'	73° 34'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		S	E						First part of the day continued blowing at 8 A.M. wind moderated seth Flyntib and took the reefs out Fore and Mainsail wind got mor to the SE.
2	7		"	"						
3	7		"	"						
4	7		"	"						
5	7		"	"						
6	8		"	"						
7	8		"	"						
8	8		"	"						
9	9		"	"						
10	9		"	"						
11	8		"	"						
12	8		"	"						
1	8		"	"						
2	8		"	"						
3	7		"	"						
4	7		"	"						
5	3		SEW	SE						
6	3		"	"						
7	3		"	"						
8	3		"	"						
9	3		"	"						
10	3		SW	"						
11	3		"	"						
12	3		"	"						Pumps attended to.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 1/2 W	143	142.7	19.9	28° 39'	28° 36'	1/4'	16	74° 22'	74° 24'

6 Journal from New York towards Baracoa Cuba

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		WYN	SW						Mon day of Feb 26 1883 First part of the day moderate breeze, wind hauled to the S. and we went about at 5 P.M. at 4 A.M. set Topsails and Tilttop sail. rest of the day pleasant breeze with clear weather wind from the S.W.
2	3		"	"						
3	3		"	"						
4	3		"	"						
5	3		SEY	S						
6	3		"	"						
7	3		"	"						
8	3		"	"						
9	3		"	"						
10	3		"	"						
11	3		"	"						
12	3		"	"						
1	3		"	"						Pumps attended to.
2	3		"	"						
3	3		"	"						
4	3		"	"						
5	4		"	"						
6	4		"	"						
7	4		"	"						
8	4		"	"						
9	4		SEE	"						
10	4		"	"						
11	4		"	"						
12	4		"	"						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 3/4 E	64'	62.6	23.9	27° 33'	27° 25'		27'	73° 25'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		SEE	SW						Tues day of Febr 27 1883 First part of the day light wind from the S.W. from 8 P.M. calm till 12. at 12 wind light again with rain squalls. rest of the day strong gale from the Nord.
2	3		"	"						
3	3		"	"						
4	3		"	"						
5	3		"	"						
6	3		"	"						
7	3		"	"						
8	3		"	"						
9	1		"	"						
10	1		"	"						
11	1		"	"						
12	1		"	"						
1	3		"	"						Pumps attended to.
2	3		"	"						
3	3		"	"						
4	3		"	"						
5	4		"	"						
6	6		SEY	SW						
7	7		"	"						
8	7		"	"						
9	8		"	"						
10	8		"	"						
11	8		"	"						
12	8		"	"						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S.	94'	92.3	3.1	25° 53'	25° 52'		4'	73° 24'	

Journal from *New York* towards *Baracoa Cuba* 7

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	9		<i>by W</i>	<i>N</i>						<i>Wednes' day of Febr 28 1883</i> <i>First part of this day strong gale with cloudy weather.</i> <i>at 4 P.M. made Taps. Feb stop sail and Flyjib fast.</i> <i>at 6 P.M. put 2 reef in the Mainsail and made at fast.</i> <i>at 9 A.M. made Land of the Island of Langis. bearing S.W. by E. and altered the Course to S.S.E.</i> <i>rest of the strong Gale with a heavy Sea running.</i>
2	9		<i>"</i>	<i>"</i>						
3	9		<i>"</i>	<i>"</i>						
4	9		<i>"</i>	<i>"</i>						
5	9		<i>"</i>	<i>"</i>						
6	9		<i>"</i>	<i>"</i>						
7	8		<i>"</i>	<i>"</i>						
8	8		<i>by W</i>	<i>"</i>						
9	8		<i>"</i>	<i>"</i>						
10	8		<i>by W</i>	<i>"</i>						
11	8		<i>"</i>	<i>"</i>						
12	8		<i>"</i>	<i>"</i>						
1	8		<i>"</i>	<i>"</i>						<i>Pumps attended to</i>
2	8		<i>"</i>	<i>"</i>						
3	8		<i>"</i>	<i>"</i>						
4	8		<i>"</i>	<i>"</i>						
5	8		<i>"</i>	<i>"</i>						
6	8		<i>"</i>	<i>"</i>						
7	8		<i>"</i>	<i>N E</i>						
8	8		<i>"</i>	<i>"</i>						
9	8		<i>"</i>	<i>"</i>						
10	8		<i>by E</i>	<i>"</i>						
11	8		<i>"</i>	<i>"</i>						
12	8		<i>"</i>	<i>"</i>						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S 74° 10' W</i>	<i>195'</i>	<i>3° 12'</i>	<i>33.0</i>	<i>22° 40'</i>	<i>22° 42'</i>		<i>25'</i>	<i>74° 49'</i>	<i>74° 22'</i>

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	8		<i>by E</i>	<i>N</i>						<i>Thurs day of March 1 1883</i> <i>First part of this day continued blown a strong gale.</i> <i>at 2 P.M. saw Castle Island light bearing S. E. by E.</i> <i>at 3 P.M. lighthouse bore N E and we set the course for Baracoa S.</i> <i>at 6 P.M. put 1 reef in the Fore sail.</i> <i>from 8 P.M. till 12 midnight heavy squalls with rain.</i> <i>at 12 wind lightened a little ob.</i> <i>at 5 A.M. we made the Land but the current had set us to leeward of Baracoa and we had to tack about.</i> <i>8 A.M. took the reefs out Fore and Main sail.</i> <i>rest of this day pleasant gale with clear weather.</i>
2	8		<i>"</i>	<i>"</i>						
3	8		<i>by E</i>	<i>"</i>						
4	8		<i>"</i>	<i>"</i>						
5	8		<i>"</i>	<i>N E</i>						
6	8		<i>"</i>	<i>"</i>						
7	7		<i>"</i>	<i>"</i>						
8	7		<i>"</i>	<i>"</i>						
9	8		<i>"</i>	<i>"</i>						
10	8		<i>"</i>	<i>"</i>						
11	8		<i>"</i>	<i>"</i>						
12	8		<i>"</i>	<i>"</i>						
1	7		<i>"</i>	<i>"</i>						<i>Pumps attended to</i>
2	7		<i>"</i>	<i>"</i>						
3	6		<i>"</i>	<i>"</i>						
4	6		<i>"</i>	<i>"</i>						
5	6		<i>"</i>	<i>"</i>						
6	5		<i>N</i>	<i>"</i>						
7	4		<i>"</i>	<i>"</i>						
8	4		<i>"</i>	<i>"</i>						
9	4		<i>N E by E</i>	<i>"</i>						
10	4		<i>"</i>	<i>"</i>						
11	4		<i>"</i>	<i>"</i>						
12	4		<i>N N E</i>	<i>"</i>						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S.</i>	<i>122.</i>	<i>1° 58'</i>	<i>16.7</i>	<i>20° 26'</i>			<i>17'</i>	<i>74.33</i>	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fri day of March 2		1883
				Direction.	Force.		Air.	Water.					
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

At 8 A.M. got the Pilot on Board and let over Anchor go in Baracoa, got the Vessel moored and took refreshment. and then Capt Miner went ashore, and made sails fast clear the Vessel ab. and was ready to work an over rigging in the afternoon. but rain hindered us from working very long. Pump ship, and this ended the day

Saturday 3 of March. hove the Mast forward and set the fore stay ab. found the bowsprit band broke and started to take it af. had rain again. Pump ship and that ended this day.

Sunday 4 of March. went for fresh water and Pump ship.

Monday 5 of March. In the morning cleared over stern anchor, after that trined ballast took the bowsprit band af and made a new heel for the Tilboom. Pump ship and that ended this day

Tuesday 6 of March. This day took 1200 Coconuts in, Crew was working at the rigging.

Pumps attendet to

Course Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. by D. R. Lon. by Ob.

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wednes day of March 7		1883
				Direction.	Force.		Air.	Water.					
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													

Crew working in the rigging, in the evening got the bowsprit band from the blacksmith and put it on. Pumps attendet.

Thursday 8 of March. Crew seten ab the Headgr. in the evening hould a Cask of water. Pumps attendet to.

Friday 9 of March. In the morning went after water and set the sails to dry. after breakfast row new lengers in the Fore rigging and set at ab. in the afternoon mnd the sails fast and put covery an Pumps attendet to.

Saturday 10 of March. Crew tared Fore and Main rigging and I repaired the Mainmast.

Pumps attendet to

Sunday 11 of March. kept Sunday.

Course Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. by D. R. Lon. by Ob.

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Monday of March 12, 1883
				Direction.	Force.		Air.	Water.			
1											
2										This day finnisk barren, scraped the 2. Topmast and Foremast	
3										down. and cleand the steering gear.	
4										Pumps attended to.	
5											
6										Tuesday 13 of March. In the morning finnisk scraped	
7										the Mainmast. after dat started, painted the vessel	
8										round.	
9										Pumps attended to	
10											
11										Wednesday 14 of March. This day took in 831 bunsches Ba.	
12										nannas. Crew finnisk painted the vessel.	
1										Pumps attended to.	
2											
3										Thursday 15 of March. This day took 953 bunsches	
4										Bananas in peng finnisk laden, had 1784 bunsches	
5										in, at 6 P.M. Pilot came and took us to Sea.	
6										at 8 P.M. had everting cleared, steered N E cours	
7										and set the watch. wind light.	
8											
9										Pumps attended to.	
10											
11											
12											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob
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H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fri day of March 16 1883
				Direction.	Force.		Air.	Water.			
1											
2										This day from 8 P.M till	
3										4 A.M light wind, from 4 to 14	
4										fine westerly breeze with clear	
5										weather	
6											
7											
8											
9	2		NNE	SW							
10	2		"	"							
11	2		"	"							
12	2		"	"							
1	3		"	"							
2	3		"	"							
3	3		NNE	"							
4	3		"	"							
5	3		"	"							
6	3		"	"							
7	4		"	SW							
8	4		"	"							
9	6		N 1/2 E	"							
10	6		"	"							
11	6		"	"							
12	6		"	"						Pumps attended to	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
NNE	69	1° 8	12.9	21° 28	21° 26		13'	74° 20	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		N 1/2 W	N		N				First part of this day strong breeze with clear weather. at 6 P.M. saw Castle Island lighthouse bearing W by N 1/2 to the E. later in the evening wind hauled moor to the N and then we had to take about. rest of the day light wind. A boat came off and we got some fish.
2	6		"	"		"				
3	5		"	"		"				
4	5		"	"		"				
5	5		"	"		"				
6	5		"	"		"				
7	5		"	"		"				
8	6		NW	"		"				
9	6		N 1/2 W	"		"				
10	6		"	"		"				
11	6		"	"		"				
12	6		"	"		"				
1	4		N E	"		"				Pumpers attended to
2	3		"	"		"				
3	3		NW	"		"				
4	2		"	"		"				
5	2		"	"		"				
6	2		E N E	"		"				
7	2		"	"		"				
8	2		"	"		"				
9	2		E	"		"				
10	2		"	"		"				
11	2		"	"		"				
12	2		"	"		"				

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
	49'	N 48'		22° 18'	22° 15'			74° 20'	74° 13'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										First part of this day calm later on got light wind. at 2 A.M. made Bird Island light bearing N by E 1/2 E at 10 A.M. got a breeze of wind rest of this day fine breeze with clear weather.
2										
3										
4										
5										
6	2		N 1/2 W	N E						
7	2		"	"						
8	2		"	"						
9	2		"	"						
10	2		N	E						
11	3		"	"						
12	3		"	"						
1	3		"	"						Pumpers attended to
2	3		"	"						
3	2		N 1/2 E	"						
4			"	"						
5	3		"	"						
6	4		"	"						
7	5		"	"						
8	5		N 1/2 E	"						
9	5		"	"						
10	5		"	"						
11	6		"	"						
12	6		"	"						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N	65'	N 64'	6.5	23° 18'	23° 16'		41'	74° 24'	74° 26'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		N by E	W						Mon day of March 19 1883 First part of this day fine breeze. from 6 P.M. till 5 P.M. calm. rest of the day light wind from the S.
2	6		"	"						
3	6		"	"						
4	5		"	"						
5	3		"	"						
6	2		"	N by W						
7										
8										
9										
10			Calm							
11										
12										
1										
2										
3										
4										
5										
6	3		N by E	E						
7	3		"	"						
8	3		"	"						
9	4		"	"						
10	4		"	"						
11	5		"	"						
12	5		"	"						Pump attended to

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N by E	55	54	10.7	23° 53'	23° 55'		E 12'	74° 22'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		N ½ W	E						Tue day of March 20 1883 First part of the day fine breeze. later part strong breeze.
2	5		"	"						
3	4		"	"						
4	4		"	"						
5	3		"	"						
6	3		"	"						
7	2		"	"						
8	2		N	"						
9	2		"	"						
10	3		"	"						
11	3		"	"						
12	3		"	"						
1	3		"	"						
2	3		"	"						
3	4		"	"						
4	4		"	"						
5	5		"	"						
6	5		"	"						
7	5		"	"						
8	5		"	"						
9	7		N ½ W	"						
10	7		"	"						
11	7		"	"						
12	8		N by W	"						Pump attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N ½ W	101	51.42'	6.1	25° 34'	25° 35'		4'	74° 29'	

12 Journal from Baracoa towards New York.

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		N by W	S by W						Monday of March 21 1883 First part pleasant gale but cloudy weather. at 5 P.M. had a squall with rain. latter an a strong gale. mad Fore. Main and Tibtop sail fast at 8 A.M. put 2. reefs in the Mainsail. at 6 A.M. wind hauled to the N.W. and we put a reef in the Fore sail and mad the Tib. fast and hauled her clos to the wind.
2	7									
3	7									
4	7									
5	7									
6	7									
7	8									
8	8									
9	8									
10	9									
11	9		N	N by W						Pumps attended to.
12	9									
1	9									
2	9									
3	9									
4	9									
5	8									
6	7									
7	2									
8	2									
9	2		N E							
10	2									
11	2									
12	2									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.	
N.	160.	2° 39	17.1	28° 14	28° 15		19'	74° 20	74°	
H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction	Force.		Air.	Water.		
1	2		E N E	N						This day wind moderates, at 6 PM took the reef out the Foresail and set the Tib at 8 wovership. at 4 AM took reef out Main. sail and set Flyjib, rest of the day fine breeze from the South all Sail set.
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	1									
11	1		W by N							
12	1									
1										
2										
3			clalm							
4										
5	2									
6	2									
7	3		N	S.						
8	3									
9	4									
10	4									
11	4									
12	4									
Pumpers attended to										
Course,	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.	
N by E	35	N 33.	7.	28° 49			E 8	73° 52		

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		N ½ W	SW						First part of this day strong gale with clear weather & lastel pain. Ten the vessel an the inside at 6 PM got mor wind took Tops and Tibtopsail in at 7 wind hauls to the N ½ W with heavy squalls and rain and we put two reef in the Mainsail and mad Flynjib fast. rest of the day modera down agin set the Flynjib and took the reefs out the Mainsail.
2	6									
3	6									
4	6									
5	7									
6	7									
7	8		N	W						
8	9									
9	9									
10	6		N ½ E	NW						
11	6									
12	5									
1	3									Pumps attendet to
2	3									
3	3									
4	3									
5	4		NNE							
6	4									
7	4									
8	4									
9	3		NE							
10	3									
11	3									
12	3									

Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob
N 9° 48 E		108	N 106	16.8	30° 30	30° 38		E 19'	73° 33	73° 20
H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	2		NNE	W						First part of this day light wind with clear weather. later an a strong gale, at 1 P.M. reef Fore and Mainsail and mad Flynjib fast bloven a strong gale with squalls. at 4 P.M. wind from the NW bloven a whole gale the rest of the day.
2	2									
3	2									
4	2									
5	2		N.							
6	2									
7	3		NNW	SW						
8	3									
9	4									
10	5									
11	6									
12	7									
1	9									Pumps attendet to
2	7									
3	7									
4	7									
5	3		NNE	NW						
6	3									
7	3									
8	3									
9	4		NE ½ N							
10	4									
11	4									
12	4									

Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
N 4° 24 W 90			N 89'	5.6	32°	32° 4		W 7'	73° 43	72° 36

14 Journal from Baracoa towards New York

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	2		NE	NW						Sun day of March 25 1888 This day continued blowen a gale at 1 P.M. hauled the Tib down and mad at fast, at 5 P.M. wind hauled to the NE and we made ship. at 11 P.M. moderated a little and we set the Tib and took reef out the Foresail and set Flyng jib rest of the day light wind all sail set
2	2									
3	2									
4	2									
5	2		NW by W	NE						
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
1	2									
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									Pumps attended to

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
NW by W	36'	N 13'	33' 5"	32° 20'	32° 18'		W 40'	73° 16'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		NW by N E							Mon day of March 26 1888 First part of this day strong breeze with driving rain from the SE. at 4 A.M. wind blowen bar. Der took Tops. Tib topsail Flyng jib. Mainsail and Tib in. at 9 A.M. reefed the Foresail steering N wind blowen a whole gale Barometer standing low
2	5									
3	6									
4	7									
5	8									
6	8									
7	8			SE						
8	8									
9	9									
10	9									
11	9									
12	9									
1	9									
2	10									
3	10									
4	10									
5	8									
6	8									
7	8									
8	8									
9	8									
10	6									
11	6									
12	6									Pumps attended to

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
NNW 3/4 W	185'	N 2° 38'	94' 4"	34° 58'			W 114'	75° 20'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Tues day of March 27 1883 This day continued blowen from the S.E. at 2 P.M. set stowndry sail at 5 P.M. wind hault round the N.W. blowen hard. later an how her to the wind blowen a Hurrican at 7 A.M. blowd the first reef out the Foresail and we put the last reef in and hault the Fore stay rail down. headen den N.E.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										Pumps attendet to
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon by Ob
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H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Wednes day of March 28 1883 This Day continued blowen a Hurrican at 4 P.M. reef the Fore stay rail and mad the Foresail fast. heavy Sea runnen. at 12 Midnight wind lighten a little and we set Fore sail at 12 A.M. took the Trysail down and set the Mainsail Tib and Flyjib going N.W.E.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										Pumps attendet to
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
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35° 6

78° 32

16 Journal from Baracoa towards New York

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		N E by N N W							Thurs day of March 29 1883 This day strong breeze at 8 P.M. wind got weary light at 7 A.M. got a strong breeze again. At 8 A.M. took reef out Fore and Mainsail and set Flynjil and Toppail at 9. lowered the Foresail and repaired at rest of the day strong gale.
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	1									
9	1									
10	1									
11	1									
12	1									
1	7		N	S W						Pumps attended to
2	1									
3	7									
4	2									
5	4									
6	5									
7	6									
8	7									
9	8									
10	8									
11	8									
12	8									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 13° 16' E	8 77'	N 75'	16.7	N 36° 20'	36° 19'		E 20'	E 73° 12'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		N N W	S.						Fri day of March 30 1883 First part of this day strong gale mad Toppail fast and reefed Fore and Mainsail. 3 P.M. with wind shifted about with heavy squalls and rain. at 4 P.M. wind calm down and I at mad the vessel roll heavy too the Foresail again and we put the last reef in. lowered the Mainsail and mad Tib and Flynjil fast. to keep her head to the Sea. at 3 A.M. light wind came from the S E set Tib Flynjil and Main sail. at 6 A.M. took reef out Foresail set Foretops and Tibtop sail. rest of the day strong gale from the S.W.
2	7									
3	5									
4	4									
5										
6										
7										
8										
9										
10										
11										
12										
1			N N W	S W						Pumps attended to.
2										
3	3									
4	3									
5	4									
6	4									
7	4									
8	4									
9	5									
10	6									
11	7									
12	7									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N N W	70	N 65'	26.8	N 37° 28'	37° 24'		W 33'	W 73° 45'	73° 40'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		N N W	S W						First part of this day strong breeze from the S W at 4 P M wind hauled to the N W later on wind hauled to the N E. at 10 P M hauled Flyjib down and made at fast. at 12 midnight went about head on N N W on the other tack at 6 A M set Flyjib. at 7 took reef out the Main sail set Tops and Tibtop sail. rest of the day light breeze with cloudy and cold weather going N.
2	7									
3	6									
4	6		N							
5	4									
6	4		N N E	N W						
7	4									
8	4		N E							
9	5									
10	5		E N E							
11	5									
12	5		E							
1	3		N N W	N E						Pumps attended to.
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3		N y W	E						
10	3									
11	3									
12	3									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N $\frac{1}{2}$ W	N 81	N 80' W 8'	N 38° 44'	N 38° 44'	38° 45'		W 10'	W 73° 50'	73° 45'

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		N	E						First part of the day light breeze from the E with cloudy weather. at 5 P M had a snow storm. at 6 took Tops and Tibtop sail in. at 10 P M. saw Bar neg at light. bearing N N E. went about at 10 head on E blowing strong with a heavy swell going. at 5 A M about N N W stood close in to the Land at 11 A M went about again Bar neg at lighthouse bearing S W by S.
2	4									
3	3									
4	3									
5	4									
6	5									
7	6									
8	7		N y W							
9	6									
10	5									
11	4									
12	4		E y N	N						
1	2									Pumps attended to
2	2									
3	2									
4	2									
5	2									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3		E							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N $\frac{1}{4}$ E	64'	N 63'	E 3' 4	N 39° 50'			E 4'	W 73° 46'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER		BAROMETER	REMARKS	Moon day of April 2	1883
				Direction.	Force.		Air.	Water.				
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										<i>Fri</i> day of <i>April 13</i> 188 <i>3</i> <i>Passenger came on board and we left New York Pier at 11 A.M. with a fine Nord wind. got to Sandy Hook where the wind got to the E. and we had to Anchor, and made all Sail fast.</i>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										<i>Pumps attended to</i>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										<i>Satur</i> day of <i>April 14</i> 188 <i>3</i> <i>This day from I.E. kept Anchor down.</i>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										<i>Pumps attended to</i>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										<i>Sun day of April 18 1883</i> <i>This day wind from the S.</i> <i>with cloudy weather at And</i> <i>get.</i>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										<i>Pumps attended to.</i>

[illegible]

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										<p><i>Mon day of April 16 1883</i></p> <p><i>This day fog with drizzling rain wind from the S.E. at Anchor yet.</i></p>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										<p><i>Pumps attended to.</i></p>

[illegible]

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Tues ^{day} of April 17 1883 This day from the N ^E set sail ^{wind} and how anchor short. at 10 AM got under way. at 12 noon was a breeze of Niversink light going S. light bearing W by N. distant 4 miles from which I take my departure.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										Pumpers attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
				N. 40° 23				W. 73° 55	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	2		G.	SE						Wednes ^{day} of April 18 1883 This day wind very light from the G. at 5 PM. wind from the Nord. steering S E by S. at 30. to 8 sah Barnegut light bearing S W by S. at 10 PM steering S. at 1 AM got a breeze of it bearing W. put the Log over. wind very light get. rest of the day strong breeze from the Nord. Log standing 52 miles at noon
2	2		"							
3	2									
4	2									
5	2		SE	E						
6	3									
7	3									
8	3									
9	3									
10	3		S	N						
11	3									
12	3									
1	3									
2	3									
3	3		SE							
4	4									
5	4									
6	5									
7	5									
8	5									
9	6									
10	6									
11	7									
12	7									Pumpers attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE W 1/4 N	92	90.6	1° 4	N 38° 55	38° 54		2	W 74° 8	74° 10

22 Journal from New York towards Harbor Island.

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		SE	N						First part of this day pleasant breeze from the N with clear weather later an lighter wind NW Log at 90 midnight. rest of the very light wind from the W Log standing at 20 noon.
2	5									
3	5									
4	5									
5	2									
6	2									
7	2									
8	2		SE	NW						
9	2									
10	3									
11	3									
12	3									
1	5									Pump attended to.
2	5									
3	5									
4	5									
5	3									
6	3									
7	3									
8	3									
9	2									
10	2									
11	2									
12	2									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 1/4 W	76.	2 43. 3	19. 6	N 34° 41'	34° 38'		W 25'	N 74° 35'	74° 30'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	2		SE	SW						First part of this day light wind from the SW latter an wind hauled round to the SE with a strong breeze. at 2 A.M. sah Cape Charles bearing NW 1/2 N at 4. sah Cape Henry. bearing NW 1/4 W 1/2 W. went about at 4 A.M. heading SE went about again at 8 A.M. heading W 1/2 W. at 11 A.M. about again heading SE. rest of the day a strong breeze from the SW with cloudy weather. Log standing at 36 noon.
2	2									
3	2									
4	2		SW	SE						
5	4									
6	5									
7	4		SW 1/2 W							
8	4									
9	4									
10	7		W 1/2 W							
11	7									
12	6									
1	5									Pump attended to
2	5									
3	5		SW 1/2 W							
4	4									
5	5		SE							
6	5									
7	5									
8	6									
9	5		SW 1/2 W							
10	5									
11	3									
12	5		SE	SE						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 1/4 W	97'	2 45'	46° 8'	N 36° 12'			W 58'	N 75° 28'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		Y Y E	W						First part of this day a strong breeze from the W with drizzling rain going her course Y Y E. latter on a strong gale from the N with cloudy weather going 9 miles. at 10 P M took Topsails and put 2 reef in the Main sail very high Sea running at 8 A M wind got a little lighter took reef out the Main sail and set the Topsails rest of the day pleasant breeze. Log standing 30 at noon.
2	7									
3	7									
4	7			N						
5	9									
6	9									
7	7									
8	8									
9	10									
10	10									
11	8									
12	9									
1	8									Pumps attended to
2	8									
3	8									
4	8									
5	8									
6	8									
7	8									
8	8									
9	8									
10	8									
11	8									
12	8									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon by Ob
Y Y E	194'	9 179'	74° 2	N 33° 40	35° 43		E 91'	W 73° 58	73° 30

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		Y Y E	N E						First part of this day pleasant breeze from the N E latter on wind hould to the E blowing a strong breeze. rest of the day a pleasant gale. Log standing 4 at noon.
2	6		Y							
3	7									
4	7									
5	5		Y Y W							
6	5									
7	5									
8	6									
9	8									
10	8									
11	8									
12	8									
1	10									Pumps attended to
2	8									
3	7		Y Y W	E						
4	7									
5	7									
6	7									
7	8									
8	8									
9	8									
10	8		Y W	Y E						
11	8									
12	8									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
Y Y W 1/2 W	169	9 161'	48.1	N 31° 2	31° 5		W 56'	74° 26.	

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		S W	S E						Mon day of April 23 1883 First part of the day a strong breeze from S E hauled Tibtop, sail down and made at fast, at 6 P M set again. latter an blown a strong gale mad Tops and Tibtop sail fast. at 4 A M went about ship, rest of the day blown hard.
2	6									
3	6									
4	6									
5	5									
6	5									
7	6									
8	6									
9	4									
10	4									
11	6		S W 1/2 S							Pumps attended to
12	6									
1	4									
2	3									
3	3									
4	3									
5	3			S E 1/2 E	S					
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S S W 3/4 W	79'	68'	42.6	29° 54'	30° 3'		49'	73° 15'	75° 40'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		S E	S						Tues day of April 24 1883 First part of the day strong breeze and a heavy sea right ahead put 1 reef in the Mainsail, later on, wind lighted a little. from 8 to 12 P M. squally with rain. from 12 A M wind S. with rain. at 3 A M cleared ob a little and blow again. rest of the day calm. at 9 A M sah a Whaler and we found, at was the Franklyn of New Bedford.
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	1									
10	1									
11	1		Calms							Pumps attended to
12	1									
1	6									
2	6									
3	6									
4	6									
5	2									
6	2									
7	2									
8	2									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N E 3/4 E	64'	38'	51.4	29° 24'	29° 25'		59'	74° 41'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	2		WNW	9						Wednesday day of April 25 1883 First part of this day light wind with cloudy weather from the S. later an calm hould light Sails Down from 8 to 10 PM squally and rain from N.W. over the Main sail Down an made at fast. at 12 mid night set again wind from S.E. at 4 AM went about again. Wind how to the W. going her cours. rest of the day light wind.
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2			NW						
12										
1										
2										
3										
4										
5	2		YSE							
6	3									
7	3									
8	3		9	WS						
9	2									
10	2									
11	2									
12	2									Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon by Ob
					N 28° 34'				N 74° 50'

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	1		9	NE						Thursday day of April 26 1883 First part of this day light wind from the N.E. later an little moss. put Log over at 5 1/2 standing at 20 rest of the day strong gale.
2	1									
3	2									
4	2									
5	2									
6	2									
7	5		YSE							
8	5									
9	5									
10	5									
11	5		9							
12	5									
1	5									
2	5									
3	5									
4	5									
5	6									
6	7		YSE							
7	8									
8	8									
9	8									
10	8									
11	8									
12	8									Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
SE 1/4 W 1/4 N 113	109'	28.7	N 26° 45'	26° 45'		N 32'	75° 22'	75° 22'	75° 31'

[illegible]

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
						25° 30'				
H K F	COURSES.		WINDS. Direction. Force.	LEEWAY.	THERMOMETER. Air. Water.	BAROMETER	REMARKS	Saturday of April 28 1863		
1										
2	In the forenoon took sum Cargo and hoisted sum									
3	ballast out, den hoisted the Gails and hove Anchor and									
4	started to go over the baar, bot got fast, and we had									
5	to let her lay, till night, in the afternoon Exruw was									
6	worken round the Dek, and wascht her outside, and den									
7	ended this day.									
8										
9	Sunday 29 April. mad all Gails fast and let her lay.									
10	in the night had a heavy squall and we had to let go									
11	over Anchor, and put down the Flour below.									
12										
1	Monday 30 April. in the morning went after water									
2	den took sum Cargo out, and hove the Anchors an									
3	her bow. in the afternoon put sum moor ballast out									
4	and that ended this day.									
5										
6	Tuesday 1 May									
7	lay on the baar yet. hove sum moor ballast out									
8	took sum Cargo out, and in the evening went after sum									
9	water. and dat ended this day.									
10										
11	Wednesday 2 May. in the morning hove the rest of the									
12	Gails out. in the afternoon started to heve the vessel									
	over the baar, hove about 3 ferrels lang, an den got									
	low water again and we had to wait till morning									
	and at ended this day.									

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1												
2										Thursday 3 May in the morning got the vessel over the bar		
3										and Anchor her, in Harbor Island Bay, went and took our		
4										little Anchor ob, and den mad Sails fast, in the afternoon		
5										went for water and trimd ballast, and that ended this day.		
6												
7										Friday 4 May. in the Morning wardet deck ^{and} went for the rest		
8										of the water. in the afternoon mendd the Forestay sail and		
9										set headgear ob. Pump attended to.		
10												
11										Saturday 5 May. in the forenoon Crew was worked in the rigg		
12										in the afternoon. Crew had liberte. Vessels in ready		
1										for to go out, in the morning.		
2												
3										Sunday 6 May. this day keep Sunday.		
4												
5										Monday 7 May. in the morning how Anchor set Sails		
6										and the Pilot came on board, and we startet for the Cove		
7										load Pinapels for New York, at 5 PM Anchor in the		
8										Cove mad sails fast, and that ended this day.		
9												
10										Thuesday 8 May. this day took 3000 Lb of Pinappd in		
11										Crew worked on the riggen. Pump attended to.		
12										Wednesday 9 May. in the morning how Anchor set Mainsail		
										and Til and went below the Cove to load the vees of the		
										Pinappel.		
										Course.	Distance.	
										Diff. of Lat.	Departure.	
										Lat. by D. R.	Lat. by Ob.	
										Variation	Diff. of Lon.	
										Lon. by D. R.	Lon by Ob	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs day of May 10	188 3
				Direction.	Force.		Air.	Water.				
1										This day at 3 PM finnirk		
2										loading and startet an over		
3										voyage to New York, at 6 PM		
4										went true 6 Schilling Sound		
5										den set over Course Nord by		
6	8		N	E						Log over. Log standing at 19.		
7	8									at 10 PM sah the Hole in		
8	8									the Wall light. bearing $W 1/2 N$		
9	8		N by E							wind very strong took Top		
10	8									in, at 4 AM had Elbow reef		
11	8									light abreest bearing $W 1/2 N$.		
12	8									15 m. af. from with I take		
1	8									my departure, set Top sail		
2	8									again. rest of the day strong		
3	8									gale. Log standing 54 at noon		
4	7											
5	8											
6	8											
7	8											
8	8											
9	7											
10	7											
11	7											
12	6									Pumper attended to		
										Course.	Distance.	
										Diff. of Lat.	Departure.	
										Lat. by D. R.	Lat by Ob.	
										Variation.	Diff. of Lon.	
										Lon. by D. R.	Lon by Ob.	

[illegible]

Course		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 75 E		193	189	37.7	N 30° 36'	30° 38'		E 43'	N 75° 31'	75° 41'
H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5'		N 75 E	SE						Satur day of May 12 1883 First part of this day fresh breeze with clear weather, later on cloudy at 4. A.M. steering Nord. Log at 40. rest of the day squally with rain.
2	6									
3	6									
4	6									
5	5									
6	6									
7	6									
8	5									
9	5									
10	5									
11	4		NO							
12	4									
1	4									
2	4									
3	4									
4	4									
5	4									
6	4									
7	5									
8	5									
9	5		NE	NW						Pump attendet to
10	5									
11	6									
12	6									
Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 75 E		119'	116'	23.	N 32° 34'			E 27'	N 75° 20'	74° 50'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Sun day of May 13 1883 First part of this day calm with rain, later on light with from the South with lightning in the N.W. made tilt of sail fast, at 3 P.M. wind hould round to the N. with a fresh breeze headen us up, rest of the day light wind with clear weather.
2	1		N	S						
3	1									
4	1		N by E							
5	2									
6	2									
7	2		N by W							
8	2									
9	3									
10	3									
11	4									
12	4									
1	2		N by E	N						Pump attended to
2	3									
3	3									
4	4									
5	2		N by W							
6	3									
7	2									
8	3									
9	2									
10	2									
11	2									
12	2		N	N E						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 2 E	45'	44'	4.3	N 33° 18'	33° 5'		705'	74° 54'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	1		N	S						Moon day of May 14 1883 First part of the day light wind from the S. with clear weather at 8 P.M. squalls with heavy rain, would top sail down and foveat the Mainsail and made at last, but set again at 10, rest of the day light wind. Log standing at 100 noon.
2	1									
3	1									
4	1		N by W							
5	2									
6	2									
7	4									
8	5		N by W							
9	7									
10	6									
11	7									
12	6		N							
1	3									
2	3									
3	3									
4	3		N by W							Pump attended to
5	3									
6	3									
7	3									
8	4									
9	4									
10	4									
11	4									
12	4									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 4 W	84'	N 86'	11° 1'	N 34° 3'	34° 28'		713'	74° 54'	

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		S by W	S						Thurs day of May 15 1883 First part of the day strong breeze from the NW later an strong gale. from 6 P.M. till 10 P.M. foggy, at 11 P.M. had a heavy squall had lower all sail down set an again at 12 noon. Log standing at 95
2	7									
3	8									
4	8									
5	8		N							
6	8									
7	7									
8	7									
9	8		S by E							
10	8									
11	9									
12	9									
1	8		S by E							Pump attended to
2	8									
3	8									
4	9									
5	9		S by E 1/2 E							
6	10									
7	10									
8	10									
9	8		S 1/2 E	NW						
10	7									
11	7									
12	7									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 1/2 E	191'	N 190'	E 17" 2	N 34° 38'	37° 52'		E 21'	N 74° 36'	74° 22'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		N	W						Wednes day of May 16 1883 First part of this day light wind, an little rain, at 6 P.M. squally, mad tops and filling sail fast, at 1 P.M. reef main rail and mad flyjib fast at 4 P.M. set again, at 10 P.M. set the rest of the sails, rest of the day calm but fine weather
2	3									
3	2									
4	2									
5	2		N 1/2 W							
6										
7										
8										
9	2		S by E 1/2 E	N	NW					
10	2									
11	5									
12	3									
1	4		S 1/2 E	N	NW					Pump attended to
2	4									
3	5									
4	5									
5	3		S 1/2 E							
6	3									
7	2									
8	2									
9			S 1/2 E							
10										
11										
12										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 1/2 E	52'	N 43'	29" 2	N 38° 35'	38° 26'		E 37'	N 73° 59'	

Pumpkin attended to

REMARKS

Fri day of May 18 1883

First part of this day strong
breeze from the N later an
alm, at 7 P.M little wind
from the W. going her Course
at 12 mid night 12h. Bar neg
light blowing W by N $\frac{1}{2}$ N 19 miles
at 7 A.M took a Steam
boat, lowered all sail and
had am fast, an den mad
s ready to go along side
the boat, at 11 got to 14
and had to lag along side
the Howard Johnson
near her dock Pump ship
and at end of this voyage.

[illegible]

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Tooboot cam longride to to us true Shellgate Sept 11 ship Stuart and 1. Man and en we lift at 4 P. Man our Voyage to New Bedford.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										Pumpers attend et.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Satur day of May 26. 188 5 This day wind from the W. pleasant breeze go to New London at 11 Anchort mad sailofard and went ashore, and took a water gals an broad. Sept Miner itoy an shore, watshs dock Pumpst hie and Dat end et this day.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										Sunday 27 of May. This day kept Sunday. Monday 28 of May. In the fore noon wind from by G E with foggy weather warkt the Hol out and Pumpst ship in the after noon clear, had Sails loose and mad am fast again. Tuesday 29 of May. wind from the S W very strong lift New London at 9 A. M. had to tak out. 11 got abrey of the sight and we kept her af for New Bedford, got in New Bedford at 5 P. M. Wednesday 30 of May. haufd they Merrel Longride the boat and entere the sails and took am to the Sailloft.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

Course,	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1			Thursday 31 of May.							took Tibbagem in and all the gear		
2										from the bowsprit, gaff and Fore beam		
3												
4			Friday 1st of June.							got two moor men, took both Topmasts		
5										down, and all the rigging, and Mainboom, stapt all		
6										the rigging off and put it below.		
7												
8			Saturday 2 of June							In the morning hauled the vessel		
9										on the dry dock at 4 AM 8 Caulker began an		
10										don sum of the deck and part of her bottom.		
11												
12			Sunday 3 of June							This day kept Sunday.		
1												
2			Monday 4 of June.							This day drizzling rain in the fore-		
3										noon, in the afternoon, had 10 Caulkers to work		
4										and had 2 men work on the vessel.		
5												
6			Tuesday 5 of June							This day weather fine Caulker and		
7										Carpenter to work. Crew worked on the ship.		
8										took the rudder out, and put sum cooper on his		
9										bottom.		
10												
11			Wednesday 6 of June							This day fine weather Caulker		
12										Carpenters and Joiners to work.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1			Thursday 7 of June.							Caulker Joiner and Carpenters		
2										to work finished Coppern and went at the Drydock		
3												
4			Friday 8 of June.							had 1 Caulker 4 Carpenters 2 Joiners		
5										and 15 riggers to work, took Bowsprit, Fore and		
6										Mainmast out, and took Figurehead off, and hove		
7										the Rudder.		
8												
9			Saturday 9 of June.							This day finished Caulker and		
10										had 2 Carpenters and two Joiners to work.		
11												
12			Sunday 10 of June.							This day kept Sunday		
1												
2			Monday 11 of June.							This day had 2 Carpenters		
3										and 2 Joiners to work, and took 3 Tons Coal		
4										in.		
5												
6			Tuesday 12 of June.							This day 2 Carpenters and		
7										2 Joiners to work, got a new Cook, took 9 Tons		
8										Coals in and had a man to trim it.		
9												
10			Wednesday 13 of June.							This day 2 Carpenters and 1 Joiner		
11										to work, at 5 PM raining and we at to work		
12												

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1										Thursday 14 of Juni. This day 2 Carpenter and		
2										1 Joiner to work, after dinner etc 1 Carpenter.		
3										and 1 Joiner.		
4												
5										Friday 15 of Juni. This day 1 Carpenter 1 Joiner and		
6										8 Riggers to work. put Main mast and Bannet in.		
7												
8												
9										Saturday 16 of Juni. This day 1 Carpenter to work.		
10												
11										Sunday 17 of Juni. hauled the vessel round the cap		
12										rest of the day kept Sunday.		
1										Monday 18 of Juni. This day 1 Carpenter and 6 Riggers		
2										to work. took Foremast in and set lower Rigging		
3										ab. and got a new Stove for the Gally.		
4												
5												
6										Thuesday 19 of Juni. This ^{day} rain weather, riggt Tibboom		
7										out, in the evening had 1 Joiner to work.		
8												
9										Wednesday 20 of Juni. This day had 1 Joiner 4 Riggers and		
10										2 Shevedores to work, put the Topmast ab. and set		
11										the rigging ab. Shevedores put Cacks in the Mast		
12										and Chord. am.		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.			
H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1			Thursday 21 of Juni. This day had 4 Riggers and									
2			2 Shevedores to work. fill out Cacks full water about									
3			8900 Gallon. and had two Painters to work.									
4			Friday 22 of Juni. This day had 2 Painters 1 Car									
5			ter and 3 Shevedores to work, took 150 Bags of Salt in.									
6			Saturday 23 of Juni. This day had 2 Painters 2 Car									
7			ter and 3 Shevedores to work, took 6 Cacks of Flour									
8			17 Cacks of Beans. 30 Barrells of Beef 30 Barrells of Pork									
9			in. and had run Riggers in the evening to ship the main									
10			boom.									
11			Sunday 24 of Juni. This day kept Sunday.									
12			Monday 25 of Juni. This day had 2 Riggers to work									
1			in the forenoon, in the afternoon bent the tops									
2			Tuesday 26 of Juni. This day had 2 Riggers to work									
3			bent the rest of the sails and put covers on.									
4			Wednesday 27 of Juni This day rain weather took Lumber									
5			and got an board.									
6			Thursday 28 of Juni. This day work on the vessels had a second									
7			mast in the forenoon in the afternoon had 1 Joiner and									
8			we took some small Stones in an store at evening									
9			Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1										Friday 29 of Juni. This day work on the vessel. in the		
2										afternoon put 1 of our Boats in the Davitt.		
3												
4										Saturday 30 of Juni. This day lashed the Boat and ran sum		
5										Painted in the afternoon. Jp Miner went Home to Sweden		
6												
7										Sunday 1 of July. This day kept Sunday.		
8												
9										Monday 2 of July. This day blown hard. had 1. Here		
10										one to help taken in 5 up. Stones and 2 Boats.		
11										went on Board the New York boat and got the		
12										Chorometer. Herefore workt 5 hour.		
1												
2										Thursday 3 of July. This day Guart and Ee not at		
3										worken, I went and had my Dinner and Supper on		
4										Shore. Jp Miner home get.		
5												
6										Wednesday 4 of July. This day kept holy day.		
7												
8										Thursday 5 of July. This day workt on the vessel. Jp Min		
9										back again. paid Ee and Guart off		
10												
11										Friday 6 of July. This day took sum smal stoves and		
12										boards, and Nottet the top of the Cabin.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	188
				Direction.	Force.		Air.	Water.				
1										Saturday 7 of July. This day finishd Patten the top		
2										of the Cabin. And shipd a Second mate.		
3												
4										Sunday 8 of July. This day rain kept Sunday		
5												
6										Monday 9 of July. This day took in sum more Stoves.		
7										J. and Second mate, put over Names, on the Artikel, and		
8										J. got my Money		
9										Thursday 10 of July. First part of this day in the morn		
10										ning took sum smal stoves in, den Crew came		
11										an Board and had to ship on the Artikel 11 Man		
12										and Guart. after sat Pilot came an Board and		
1										we seth Sail and went in the River and dropd anchor		
2										and had to wait for the Captain who went to clean		
3										the vessel.		
4												
5												
6												
7												
8												
9												
10												
11												
12												

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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36 Journal from *the port* towards *Cape Horn*

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wednesday of July 11 1883
				Direction.	Force.		Air.	Water.			
1										<i>First part of this day light wind from the S.W. The wind came on board at 2 P.M. from Anchor and started an over Seaen voyage for Cape Horn. Pilot left us 6 P.M. at 4 P.M. was a breeze of S.W. and P.M. bearing S.W. had in W. and from den I take my departure at 8 set watches had all green hands. from 8 P.M. till 12 midnight had a S.W. from 12 till 4 A.M. went S. from 4 A.M. steering S.E. her Course, wind from the S.W.</i>	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1										<i>Sailors Sea sick.</i>	
2											
3											
4											
5	6		SE	SW							
6	6		"								
7	6		"								
8	6		"								
9	6		"								
10	6		"								
11	6		"								
12	6		"								

Course		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.	
SE						N 40° 32'					
H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs day of July 12 1883
				Direction.	Force.		Air.	Water.			
1	7		SE	SW						First of this day strong breeze from the S.W. all sail set, later on lighter, rest of the day moderate breeze.	
2	8										
3	8										
4	8										
5	8										
6	8										
7	8										
8	8										
9	8										
10	8										
11	8										
12	7										
1	6									Pumps attended to	
2	6										
3	6										
4	6										
5	6										
6	7										
7	7										
8	7										
9	6										
10	6										
11	6										
12	6										

Course,		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 40° 32'		169	21° 20'	149.0	39° 12'	39° 21'	1/2 P	63° 12'	66° 42'	

Journal from New Bedford towards Cape Horn

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		SE	SE						First part of this day breeze, later a wind ho moor to the S. very str 8 PM took tops and sail in and made an at 7 PM passed the sheppanaro should fly and made at fast. at 10 re the fore rigging ab. of the day blowing a gale. log standing at 100 at
2	6									
3	6									
4	6									
5	6									
6	7		ESE	E.						
7	7									
8	7									
9	6									
10	5									
11	5									
12	5									
1	5		E							Pump attended
2	5									
3	5									
4	6									
5	5									
6	5									
7	7									
8	7									
9	4									
10	4									
11	4									
12	5									

R.	Lon. by Ob.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon.
		N 80° 30' E	94'	N. 8' E. 93. 3	N 39° 30'	1. 29.	1. 29.	1. 29.	1. 29.	N 64° 42'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		ESE	S						First part of this strong gale, later squally at 3 PM a little and we re moor sails, and re rigging down. re the day calm. Stared out the hool
2	4									
3	4									
4	4									
5	3									
6	3									
7	3									
8	2									
9	2									
10	3									
11	4									
12	4									
1	2									Pump attended
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11										
12										

R.	Lon. by Ob.	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon.
		N 63° E	N 68'	N 56'	38' 8	N 40° 25'			E 48	N 65° 44'	

38 Journal from New Bedford towards Cape Horn

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1										Sun day of July 15 1883 This day calm. Last 8 hours light breeze from the W. heavy sea running.
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										Pumpers attended to
2										
3										
4										
5	5		SE		110					
6	5		"	"	"					
7	5		"	"	"					
8	5		"	"	"					
9	5		"	"	"					
10	5		"	"	"					
11	5		"	"	"					
12	5		"	"	"					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE		2.464'			39°21'		160°45'		

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	2		SE		110					Mon day of July 16 1883 First part of this light wind, for the Main-top sail sent at down main at and sent at ab again. Later on a pleasant breeze. in the morning set backstay and heaving ab end bent Tib took at aft and Mr. Miner altered at. rest of the day fair and gale going her course 7. hour Log standing at noon at 11.
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	4		S							
10	4		"							
11	4		SE							
12	2		"							
1	3		S							Pumpers attended to
2	3		"							
3	3		"							
4	3		"							
5	4		"							
6	4		"							
7	4		"							
8	4		SE							
9	4		"							
10	4		"							
11	4		"							
12	4		"							

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE	80'	974'	31.	N38°8	34°40		E40'	60°58	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	8		998	940						First part of the day pleasant from the 9th bent the Jib again, in the morning I swept the Deck, rest of the day strong gale.
2	8									
3	8									
4	9									
5	7		984948							
6	6									
7	7									
8	7									
9	8									
10	8									
11	8									
12	9									
1	9									Pumps attended to
2	9									
3	8									
4	8									
5	8									
6	7									
7	7									
8	7									
9	7									
10	7									
11	7									
12	7									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
98 1/2	183	892	75' 5"	35° 34'	36° 8'	1'	96'	57° 41'	58° 29'

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	8		984948							First part of the day a strong breeze, later calm, squalls and drizzling rain, rest of the day strong breeze.
2	8									
3	8									
4	8									
5	7									
6	7									
7	7									
8			Calm							
9										
10	5									
11	6									
12	7									
1	7									Pumps attended to
2	6									
3	5									
4	4									
5	4									
6	6									
7	6									
8	7									
9	7									
10	7									
11	7									
12	7									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
98	113'	980'	849' 9"	34° 48'	34° 44'		97'	56° 48'	55° 20'

4 Journal from *San Pedro* towards *Cape Horn*

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		<i>SE by S 48° W</i>							<i>Thurs^d day of July 19 1883 There 24 hours a strong breeze from S.W. with clear weather.</i>
2	7									
3	7									
4	7									
5	7									
6	7									
7	7									
8	7									
9	8									
10	9									
11	9									
12	9									
1	6									<i>Pumps attended to.</i>
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE</i>	<i>153'</i>	<i>9' 108'</i>	<i>108' 2</i>	<i>32° 54'</i>	<i>32° 59'</i>	<i>1 1/4'</i>	<i>E 129'</i>	<i>N 53° 11'</i>	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		<i>SE by S 48° W</i>							<i>Fri day of July 20 1883 There 24 hours pleasant breeze from the W with clear weather at 6 P.M. commens. rethen fore and main rigging ob. and Pump sum fresh water the hool and Deck 2 Casks 282 G. grist the Mast Room</i>
2	6									
3	6									
4	6									
5	5									
6	5									
7	3									
8	3									
9	4									
10	4									
11	4									
12	4									
1	4									<i>Pumps attended to</i>
2	4									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11										
12										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE</i>	<i>96'</i>	<i>9' 18'</i>	<i>68' 6</i>	<i>31° 52'</i>	<i>31° 51'</i>	<i>1 1/4' P</i>	<i>E 80'</i>	<i>N 51° 51'</i>	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		<i>SE by S 1/4 S</i>	<i>NW</i>						<i>Saturday of July 21 1883</i> <i>There 24 hours light breeze from the NW with clear weather.</i>
2	4									
3	4									
4	3									
5	3									
6	3									
7	3		<i>SE by S 1/4 S</i>							<i>Pumps attended to</i>
8	3									
9	2									
10	2									
11	2									
12	2									
1	3									
2	3									
3	3									
4	3									
5	3									
6	2									
7	2									
8	2									
9	3									
10	3									
11	3									
12	3									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob
<i>SE</i>	<i>77' 45"</i>	<i>54' 4"</i>	<i>N 30° 38'</i>	<i>30° 33'</i>	<i>1 1/2° P</i>	<i>E 63° 43' 0"</i>	<i>40'</i>		

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		<i>SE by S 1/4 S</i>	<i>N</i>						<i>Sun day of July 22 1883</i> <i>This day light wind from the N with clear weather</i>
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									<i>Pumps attended to</i>
8	3									
9	3									
10	3									
11	3									
12	3									
1	3									
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	2									
12	5									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
<i>SE</i>	<i>63' 42"</i>	<i>42° 6'</i>	<i>30° 20'</i>	<i>30° 15'</i>	<i>1 1/2° P</i>	<i>E 54'</i>	<i>N 49°</i>		

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		SE by S 1/2 S							Here 24 hours very light wind from N. and S.W. with clear weather.
2	3									
3	3									
4	2									
5	2		SE by S							
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
1	2									
2	2									
3	2									
4	2									
5	2		SE by S 1/2 S							
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
Pumps attended to.										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE 1/2 E</i>	<i>54'</i>	<i>9 42'</i>	<i>42.4</i>	<i>N 29° 30'</i>	<i>29° 35'</i>	<i>1 1/2° P</i>	<i>E 42° W 48° 18'</i>		

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	
				Direction.	Force.		Air.	Water.			
1			Calm							First part of this day calm rest of the day pleasant breeze with clear weather from the S.W. saw a vessel going to the E.	
2											
3											
4											
5			S E by S 1/2 S S.W.							Pumps attended to	
6											
7											
8											
9	2										
10	2										
11	2										
12	3										
1	4										
2	5										
3	5										
4	5										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6										
11	6										
12	6										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE</i>	<i>70'</i>	<i>9 50'</i>	<i>49 5'</i>	<i>N 28° 40'</i>	<i>28° 45'</i>	<i>1 1/2° P</i>	<i>E 54° W 48° 22'</i>		

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		<i>SE by S 1/2 S 4 mi</i>							<i>Wednes day of July 25 1885</i> <i>For 24 hours light wind from S W with clear weather Pump water out the hold an deck finished 2 Cahr.</i>
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									
1	3									
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									<i>Pumps attended to</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon by Ob
<i>SE</i>	<i>70' 949'</i>		<i>49.5 N 24 34</i>	<i>28 35</i>	<i>1 1/4 SE 3 1/2' W 46 28</i>				

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1			<i>Calm</i>							<i>Thurs day of July 26 1885</i> <i>There 24 hours calm had Mainsail top and Gibb down. Part of the Deck</i>
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										<i>Pumps attended to</i>

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
	<i>7' 95'</i>		<i>4' 9 N 24 30</i>	<i>28 30</i>	<i>1 1/4 SE 6 1/2' W 46 20</i>				

44 Journal from *New Bedford* towards *Cape Horn*

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		Y E 1/2 Y	N						Fri day of July 24 1883 First part of this day light wind from the N. later an' got the trad wind from the N.E. with squalls. at 6 P.M. set Boat out and J. J. Miner went with his crew to learning how to handle a Boat. part of the day Tarr'd the Deck and part Plan'd the top of the Cabin. grist the Mast down.
2	3									
3	3									
4	3									
5	3									
6	3		Y E	N E						
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									
1	3									
2	3									
3	3									
4	4									
5	4									
6	4									
7	4									
8	4									
9	5'									
10	5'									
11	5'									
12	5'									

Pumps attended to.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
Y E 1/2 Y	81'	961'	52.6	26°48'	26°49'	1 1/2 P	E 39' N 48°31'		

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		Y E	E						Sat day of July 28 1883 First part of this day pleasant breeze both squalls at 6 P.M. set Boat out, and mo and my crew went for practice, later an' strong breeze at 4 P.M. wind came ahead and we went about headen E N E went about again at 11 P.M. headen S.
2	3									
3	3									
4	4									
5	4									
6	4									
7	4									
8	5'									
9	5'									
10	5'									
11	4									
12	4									
1	4		S.							Pumps attended to.
2	4									
3	4									
4	4									
5	4									
6	4		E N E							
7	4									
8	4									
9	4									
10	4									
11	4		S.							
12	4									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
Y E 1/2 Y	98'	81'	54.4	25°29'	25°28'	1 1/2 P	60'	42°31'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		Yg E	E						Sun day of July 29 1883 First part of this day strong breeze, at 8 PM. made Tiptop sail fast, and we set the Thompson stay ab. later on heavy squalls, made both Tiptop sail fast, rest of the day calm, in the morning hoisted the Top of the Cabin, at 11 AM weather cleared a little and we set Maintop sail.
2	4									
3	4									
4	4									
5	4									
6	4									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									
1	5		Yg E	E						Pumps attended to
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
Yg E	10 1/2	Y 44'	39.0 N	23° 50'	23° 54'	1 1/2 P	E 43'	W 41° 48'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		Yg E	E						Mon day of July 30 1883 First part of this day pleasant breeze all day set later and strong and squally made Tiptop sail fast, set am again in the morning. parted the Martenjale de Chains and we hauled Tiptop sail Fly jib and Tiptop sail down, and had at mendet again, hoisted Fly jib and Tiptop sail fast, rest of the day strong gale.
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	5									
9	5									
10	5									
11	5									
12	5									
1	6		Yg E	E						Pumps attended to
2	6									
3	6									
4	5									
5	5									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
Yg E	11 1/2	94'	62.7 N	22° 24'	22° 23'	1 1/2 P	E 68'	W 40° 40'	

46 Journal from *New Bedford* towards *Cape Horn*

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs ^d day of <i>July 31</i> 188 <i>3</i>
				Direction.	Force.		Air.	Water.			
1	8		<i>SE by S</i>	<i>E</i>						<i>There 24 hours strong gale from the E with squally weather, at 4 P.M. hauled flyjib down and made at fast, set again at 3 A.M. Tumbled sum water an' took, started an the 3 Oaks. 1947</i>	
2	8										
3	8										
4	8										
5	6										
6	6										
7	6										
8	6										
9	5										
10	5										
11	5										
12	5										
1	5										
2	5										
3	5										
4	5										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4									<i>Pumps attended to</i>	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE</i>	<i>162'</i>	<i>1° 48'</i>	<i>108.2</i>	<i>N 20° 30'</i>	<i>20° 35'</i>	<i>1 1/2° E</i>	<i>1° 56'</i>	<i>N 38° 44'</i>	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wed ⁿ day of <i>August 1</i> 188 <i>3</i>
				Direction.	Force.		Air.	Water.			
1	8		<i>SE by S</i>	<i>E</i>						<i>There 24 hours strong gale from the E with squally weather, made jib topsail and topsail far to 8 P.M. set again at 6 A.M. made am fast again at 10 A.M.</i>	
2	8										
3	8										
4	8										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6										
11	4										
12	4										
1	4										
2	4										
3	4										
4	4										
5	4										
6	4										
7	4										
8	4										
9	4										
10	4										
11	4										
12	4									<i>Pumps attended to</i>	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE by E</i>	<i>114'</i>	<i>72'</i>	<i>88.1</i>	<i>N 19° 23'</i>	<i>19° 24'</i>	<i>1 1/2° E</i>	<i>94'</i>	<i>N 37° 40'</i>	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		YSE	E						Thurs' day of August 2 1883 There 24 hours strong gale with heavy squalls over Dog. Dying at noon.
2	5		"							
3	6		"							
4	6		YSE							
5	6									
6	6									
7	7									
8	7									
9	7									
10	7									
11	6									
12	6									
1	6									Pumps attended to
2	6									
3	6									
4	7									
5	7									
6	7									
7	7									
8	6									
9	6									
10	6									
11	6									
12	6									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
YSE 1/2 E	130'	84'	46.3	N 17° 54'	17° 54'	1 1/2° E	102'	N 36° 2'	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		YSE	E						Frid' day of August 3 1883 There 24 hours strong gale with heavy squalls in the evening gull reef in the Mainrail, had Tops and Tib. topsail fast set am again at 7 A.M. at 10 A.M. parted Maintopsail sheet and lost wheelhook, miz Fore and Tib topsail fast again and gived the Mast down.
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									
1	6									Pumps attended to
2	6									
3	6									
4	6									
5	5									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
YSE	136	96'	46.2	16° 17'	16° 15'	1 1/2° E	100'	N 34° 24'	

48 Journal from *New Bedford* towards *Cape Horn*

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Saturday day of August 4 1883
				Direction.	Force.		Air.	Water.			
1	5		SE by S	E					at 30	There 24 hours strong breeze with heavy squalls. Reef in the Main'sail yet. Don a little Painten. spent a barrel Beef.	
2	5										
3	5										
4	5										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6										
11	6										
12	6										
1	6									Pumps attended to	
2	6										
3	6										
4	6										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6										
11	6										
12	6										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE	120'	84'	84.1	N 14° 51'	14° 51'	1 1/4° P	E 84' N 33°.	33° 40'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Sun day of August 3 1883
				Direction.	Force.		Air.	Water.			
1	6		SE	NE					at 30	There 24 hours of heavy gale but squally yet reef in the Main'sail yet but set rest of the sails in the morning. Don run more Painten	
2	6										
3	6										
4	6										
5	7										
6	7										
7	8		SE by S								
8	8										
9	8										
10	8										
11	8										
12	8										
1	8									Pumps attended to	
2	8										
3	8										
4	8										
5	8										
6	8										
7	8										
8	8										
9	8										
10	8										
11	8										
12	8										

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 1/4 E	164'	109'	119.6	N 18° 9' N 13° 2'		1 1/4° P	E 123' E 31° 40'		

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	8		<i>SE by E</i>	<i>NW</i>					<i>at 30</i>	<i>Monday of August 6 1883</i> First part of this day is pleasant gale with clear weather rest of the day light wind at 6 PM is a ship star- ting to the NW from 6 AM till 11 AM set fore rigging ab- and started to take the Anchor on deck.
2	8									
3	8									
4	8									
5	8									
6	8									
7	8									
8	8									
9	8									
10	4									
11	6									
12	6									
1	5									<i>Pumps attended to</i>
2	5									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE ½ E</i>	<i>141'</i>	<i>109'</i>	<i>89.4</i>	<i>11° 14'</i>	<i>11° 13'</i>	<i>1 ½ P</i>	<i>E 91° W</i>	<i>29° 49'</i>	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		<i>SE by E</i>	<i>NE</i>						<i>Thurs day of August 7 1883</i> First part of this day light breeze with clear weather, later an calm rest of the day strong breeze from the SW took reef out Main sail.
2	4									
3	4									
4	4									
5	4									
6	3									
7	2									
8	2									
9			<i>calm</i>							
10										
11										
12										
1			<i>SE</i>	<i>SE</i>						
2										
3										
4	2									
5	3		<i>SE</i>							
6	4									
7	5									
8	6									
9	7									
10	8									
11	8									
12	8									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE ½ E</i>	<i>40'</i>	<i>54'</i>	<i>43.4</i>	<i>10° 18'</i>	<i>10° 20'</i>	<i>1 P</i>	<i>E 44° W</i>	<i>29° 5'</i>	

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	8		SSE	SW						Wednesday of August 8 1883 First part of this day strong breeze with squally and rain weather took Taps and Tibtop sail in. at 8 PM took Fly jib in later on blowing strong with heavy rain filled all over Boats full water again, and then started to clean the vessel with Sand and Canvas.
2	7									
3	6									
4	5									
5	4									
6	4									
7	4									
8	3									
9	3									
10	3									
11	3									
12	3									
1	3									Pumps attended to
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE 1/2 S</i>	<i>130'</i>	<i>100'</i>	<i>82.5</i>	<i>N 8.° 39'</i>		<i>1 1/2 P E 83'</i>	<i>28° 12'</i>		

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		SSE	SW						Thursday of August 9 1883 First part part of this day strong breeze with rain weather. Cleaned paintwork. at 4 PM took 4 Bags Flour out one Cabs, and then put the Cabs back again. saw a vessel standing to the N. west of the day weary light winds had all sail set.
2	4									
3	4									
4	4									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
12	2									
1	2		SSE	SW						Pumps attended to
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	3									
9	3									
10	3									
11	3									
12	3									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE 1/2 S</i>	<i>48'</i>	<i>39'</i>	<i>26.1</i>	<i>8° 22'</i>	<i>8° 20'</i>	<i>1 1/2 P E 24'</i>	<i>W 24° 41'</i>		

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		SSE	VVO						First part of this day strong breeze with rain squalls; later on lighter part of the day strong gale made topsails fail.
2	4									
3	4									
4	5									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									
1	6									Pumps attended to.
2	5									
3	4									
4	3									
5	3									
6	3									
7	3									
8	3									
9	4									
10	6									
11	8									
12	8									

Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SSE 1/2 E		150	132'	70.4	N 6.° 8		1 1/2 P E 71.		26° 34	
H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		SSE	VVO						These 24 hours strong gale and squally at noon reefed Main sail and made Flying jib fast heavy sea running so that many ships going the same way.
2	6									
3	6									
4	6									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	6									
12	6									
1	6									Pumps attended to.
2	6									
3	5									
4	5									
5	5									
6	5									
7	4									
8	4									
9	6									
10	6									
11	6									
12	6									
Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SSE 1/2 E		120'	105'	56.4	N 4.° 20	4° 21	1 1/2 P E 54		N 25° 38	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		S 8 1/2 E	W						Sun day of August 12 1883 First part of this day strong breeze squally and heavy sea running. later on sea went down. at 3 AM one vessel came ab to us and we set Flying jib and Main topsail in the morning saw 2 more vessels going the same way. at 8 AM set Fore and Tib topsail. at 10 took reef out Main sail. steering by the wind.
2	3									
3	3									
4	3									
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	4									
1	4		S E by S 1/2 S	W						Pump attended to.
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S E 1/2 S	86'	66'	54.7	3° 13'	3° 14'	1 1/2° P	8.55'	W 24° 43'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		S E by S	W						Mon day of August 13 1883 First part of this day pleasant breeze with clear weather. at 2 PM wind hauled to the S. went about heading W S W saw 3 vessel going the same way. rest of the day strong breeze with heavy squalls.
2	4									
3	4									
4	4									
5	5									
6	5									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									
1	6		S W by W	W						Pump attended to
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6									
10	6									
11	6									
12	6									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S W	112	79'	78.4	1° 55'	1° 58'	1 1/2° P	14'	W 26° 2'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		GYP	GYP						Thurs ^y day of August 14 1883 There 24 hours pleasant breeze from G with clear weather & of Main and Tib. topsail during the day. saw sum vessels
2	5									
3	4									
4	4									
5	5									
6	5									
7	5									
8	5									
9	4									
10	3		GYP							
11	3									
12	3									
1	4									
2	4									
3	4									
4	4									
5	4									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
GYP	102	95'	36.5	N 23'	24'	1 1/2 E	35	W 26' 39	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		GYP	GE						Frid ^y day of August 15 1883 There 24 hours pleasant breeze from GE with clear weather all sail set part a Ship and Barkentine haven GE trade's not.
2	5									
3	5									
4	5									
5	5									
6	5									
7	5									
8	5									
9	6									
10	6		GYP							
11	5									
12	5									
1	5									
2	5									
3	4									
4	4									
5	4									
6	4									
7	4									
8	3									
9	3									
10	3									
11	3									
12	3									Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
GYP	100	98'	4.8	N 1.14	1.12	1 1/2 W	38	W 26' 41	

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	6		S by W 1/2 W SE							Thurs ^y day of August 16 1883 There 24 hours clear and breeze with clear weather 9 PM parted No. 1 gaff topsail sheet and lost it. had to lower the Main sail and now at a other one, clean and fresh an painted an red.
2	6									
3	6									
4	6									
5	6		S by W 1/2 W							
6	6									
7	6									
8	6									
9	6		S by W 1/2 W							
10	5									
11	4									
12	4									
1	4		S by W 1/2 W							Pumps attended to
2	5									
3	5									
4	5									
5	5		S by W 1/2 W							
6	5									
7	5									
8	5									
9	5		S by W 1/2 W							
10	5									
11	5									
12	5									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 1/2 W	147'	146'	8.9	93° 38'	3° 40'	1 1/2°	70° 10'	W 24° 14'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		S by W 1/2 W SE							Fri day of August 17 1883 There 24 hours a strong breeze with clear weather ran a new Gaff topsail in the forenoon. Pumps water an Deck,
2	5									
3	5									
4	5									
5	5		S by W 1/2 W							
6	5									
7	5									
8	5									
9	5		S by W 1/2 W							
10	5									
11	5									
12	5									
1	6		S by W 1/2 W							Pumps attended to
2	5									
3	5									
4	5									
5	5		S by W 1/2 W							
6	6									
7	6									
8	5									
9	8		S by W 1/2 W							
10	8									
11	8									
12	8									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S	135'	134'	1.5	95° 34'	5° 36'	1 1/2°	62'	W 24° 12'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		<i>YYW</i>	<i>YE</i>						<i>First part of the day strong breeze with clear weather later on cloudy and squally part of Foretoprail sheet and lost the Hook, 8 PM made Toprails and Tilt top rail fast. rest of the day strong gale. grist below</i>
2	7									
3	7									
4	7		<i>YYW</i>							
5	7									
6	7									
7	7									
8	7									
9	7									
10	7									
11	7									
12	7									
1	6									<i>Pump attended to</i>
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	5									
9	5									
10	5									
11	5									
12	5									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S.</i>	<i>140.</i>	<i>134'</i>	<i>2.1</i>	<i>48° 18'</i>	<i>8° 16'</i>	<i>1 1/2° NW 3.</i>	<i>W 24° 14'</i>		

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		<i>YYW</i>	<i>YE</i>						<i>These 24 hours strong gale with squally weather Toprails fast etc.</i>
2	7									
3	7									
4	7									
5	7									
6	7									
7	7									
8	7		<i>YYW</i>							
9	7									
10	6									
11	6									
12	6									
1	6									<i>Pump attended to</i>
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	7									
10	7									
11	7									
12	7									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S 4° E</i>	<i>150'</i>	<i>154'</i>	<i>10.4</i>	<i>10° 56'</i>	<i>10° 54'</i>	<i>1 1/2° SE 10'</i>	<i>N 24° 4'</i>		

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	7		<i>S by W 2 E</i>							<i>There 24 hours strong gale with heavy squalls at 2 PM reefed Main sail. at 10 PM made Tynjil fast. set her again at 6 AM.</i>
2	7									
3	7									
4	7									
5	7									
6	6		<i>S 1/2 W</i>							
7	6									
8	6									
9	6									
10	6									
11	6		<i>S</i>							
12	6									
1	7									
2	7									
3	7									
4	7		<i>S by E</i>							
5	6									
6	6									
7	6									
8	6									
9	6		<i>S by E</i>							
10	6									
11	6									
12	6									<i>Pumps attended to.</i>

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S 10° 30' E</i>	<i>154</i>	<i>151'</i>	<i>24.6</i>	<i>13° 21'</i>	<i>13° 23'</i>	<i>1 1/4 P E</i>	<i>28'</i>	<i>W 23° 36'</i>	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		<i>S by E</i>	<i>SE</i>						<i>There 24 hours strong gale with heavy squalls at 9 PM made Tynjil fast, set at again at 9 PM. at 6 AM hauled at dawn mended at. got reef in Main sail got.</i>
2	5									
3	5									
4	5									
5	5									
6	5		<i>S</i>							
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									
1	5									
2	5									
3	5									
4	5									
5	5									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									<i>Pumps attended to</i>

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S. 15° E</i>	<i>120'</i>	<i>116'</i>	<i>30.9</i>	<i>S 15° 23'</i>	<i>15° 21'</i>	<i>1 P E</i>	<i>32'</i>	<i>W 24° 4'</i>	

towards Cape Good Hope 57

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		<i>S 1/2 W</i>	<i>SE</i>						<i>First part of the day pleasant and breeze. at 1 P.M. took reef out Main'sail, set Fore Topsail at 2 P.M. later an strong breeze and squally at 9 P.M. made Topsails fast rest of the day strong breeze and fine weather.</i>
2	5									
3	5									
4	5									
5	5									
6	5									
7	6		<i>S 1/2 W</i>							
8	6									
9	6									
10	6									
11	6									
12	6									
1	7									<i>Pumps attended to</i>
2	7									
3	7									
4	7		<i>S 1/2 W</i>							
5	7									
6	7									
7	7									
8	7									
9	7									
10	7									
11	7									
12	7									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob
91° E	142'	141'	2.9	17° 44'	17° 43'	1 P E 3'	25°		

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	5		9 1/2 W	SE						These 24 hours pleasant breeze but squally with squalling rain. On board Flyjil and to an anchor to be mended set sum of the head.
2	5									
3	5									
4	5									
5	5									
6	5									
7	5									
8	5									
9	5									
10	5	9 1/2 W								
11	5									
12	5									
1	4	S.								Pumps attended to
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
E.	112'	111'	1		$19^{\circ} 34'$	1 P		795°	

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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		S	SE						These 24 hours of clear and breezy from SE with clear weather. in the morning took a cake of Sail Hoys and Barrel and Deck endens Fore and Forestay sail and bend new ones stor the old ones in the bays.
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									
1	5		S	SE						Pumps attended to.
2	5									
3	5									
4	5									
5	5									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>SE 3/4 E</i>	<i>100'</i>	<i>94'</i>	<i>31.7</i>	<i>21° 10'</i>	<i>21° 9'</i>	<i>1 P</i>	<i>E 32'</i>	<i>24° 24'</i>	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		S	SE						These 24 hours of clear and breezy with clear weather. set Fore lower and Fore topmast rigging ab. and grist mast down. Lower the Fore sail enrow 1st end. and hest at again.
2	4									
3	4									
4	4									
5	4									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									
1	4		S	SE						Pumps attended to.
2	4									
3	4									
4	4									
5	4									
6	4									
7	4									
8	4									
9	4									
10	4									
11	4									
12	4									

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>S</i>	<i>100'</i>	<i>98'</i>		<i>22° 47'</i>	<i>22° 46'</i>	<i>1 P</i>	<i>24'</i>	<i>24°</i>	

Journal from *New Bedford* towards *Cape Horn* 59

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	3		SE	E						Sun day of August 26 1883 First part of the daylight wind with clear weather later an calm. rest of the day is pleasant breeze. saw 2 vessel going to the N.
2	3									
3	3									
4	3									
5			calm							
6										
7										
8										
9	3		SE							
10	3									
11	3									
12	3									
1	5		SE							Pump attended to.
2	5									
3	5									
4	5									
5	5									
6	5									
7	5									
8	5									
9	5									
10	5									
11	5									
12	5									

Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 3/4 E		84'	80'	26.8	24° 7'	24° 6'	1° P	E 29° W	23° 54'	
H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS
				Direction.	Force.		Air.	Water.		
1	4		SE	E						Mon day of August 27 1883 First part of this day light breeze. with clear weather later an stronger with squalls rest strong breeze at 8 A.M. Louis Schanlen neph lost black dog over board cables had to go a boat, but could not find it. went about again and went over board
2	4									
3	4									
4	4		SE							
5	5									
6	6		SE 3/4 E							
7	6									
8	6									
9	6		SE							
10	6									
11	6									
12	6									
1	6									Pump attended to
2	6									
3	6									
4	6									
5	6									
6	6									
7	6									
8	6									
9	6		SE 3/4 E							
10	6									
11	6									
12	6									
Course.		Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
SE 3/4 E		125'	101'	68.	25° 34'	25° 55'	1° P	E 74° W	22° 43'	+

60 Journal from New Bedford towards Cape Good Hope

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs day of August 1883
				Direction.	Force.		Air.	Water.			
1	3										
2	5									First part of this day very light with clear weather, commens haly.	
3	6									at 4 P.M. set my boat out and we went for	
4	7									his till dusk, later an stronger with squalls wind from	
5	8									the N.E. rest of the day strong gale. going 9' in hour.	
6	9									Cours. E & E. 12 1/2' Lat 26° 45' Long 122° 33'	
7										Wednesday 29 of August.	
8											
9	4									First part of this day strong gale with squally weather,	
10	8									at 2 P.M. in the Second mate watch, wind hauled round	
11	7									to the S.W. got all sail aback, parted Mainboom	
12	6									and sheet, and end of the Mainboom, run of the Main	
1	6									got hurt, by 5 P.M. had Mainboom riged again, and then	
2	6									made Mainrail, Top and Flying jib fast, and went on her	
3	6									Cours again, at 8 P.M. set Mainboom, sail and Flying jib.	
4	6									later an the wind very strong, in the morning took	
5	6									Mainboom and of the boom, am to fitch at, but found at	
6	6									break, mended run of the broken hoops, rest of the day	
7	6									strong gale, made Flying jib fast again, open a B. Reef	
8										Cours S & E 1/2 E 98' Lat 24° 38' Long 118° 5' 114° 30'	
9										Thursday 30 of August.	
10											
11	3									These 24 hours strong with squally weather worked on the	
12	3									Mainrail and boom, one Man sick get. Martin Tierney.	
										Cours S & E 1/2 E 88' Lat 28° 26' Long 116° 4' open a B. Reef	
										Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by D. R. Lon. by Ob.	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fri day of August 31 1883
				Direction.	Force.		Air.	Water.			
1	4									These 24 hours light winds from the S.W. and S.E. took	
2	4									reef out the Mainrail and set Top sail at 6 P.M.	
3	4									Cours E & N Lat 28° 24' Long 115° 2'	
4										Saturday 1 of September.	
5											
6	3									First part of the day calm, later an light wind from	
7	9									the S.E. with cloudy weather, rest of the day strong breeze	
8	4									made Top sails fast, girt Mast down, and finished Main	
9	4									sheet Block. Man sick get. Pump water an deck. P. a to	
10										Cours S. 86' Lat 29° 53' Long 114° 44'	
11	3									Sunday 2 of September.	
12	3										
1	3									First part of the day pleasant breeze, later an lighter	
2										went about at 12 midnight wind hauled more to the S.W.	
3										rest of the day light wind with clear weather. P. a to	
4										Man getting better.	
5										Cours S & E 1/2 S 55' Lat 29° 30' Long 114° 12'	
6										Monday 3 of September.	
7											
8										First part of the day pleasant breeze from the S.W. with clear	
9										weather, later an cloudy and stronger, rest of the day more	
10										to the S.W. blowing a strong gale made Mainboom fast.	
11										at 8 P.M. Man getting an deck. Pump water an deck. P. a to	
12										Cours S & E 1/2 E 144' Lat 29° 30' Long 112° 5'	
										Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by D. R. Lon. by Ob.	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs day of September 1889
				Direction.	Force.		Air.	Water.			
1	9		First part of the day moderate gale, at 3 P.M. took Mainsail, and Foretop sail in wind from the W. S later an stronger with cloudy and squally weather and heavy sea running, made Flyjib fast at 6 P.M. at 7 A.M. wind hauled round to the N.W. with heavy rain squalls, after the squall set Storm try sail. rest of the day strong gale. Pumps attended to Course S 44° E 184' Lat 33° 55' Long 71° 58'								
2	9										
3	9										
4	8										
5	8										
6	8										
7	6										
8											

Wednesday 5 of September.

1	7		There 24 hours a strong gale, at 8 A.M. wind a little lighter set Flyjib at 11 put reef in the Mainsail, took Stormtrysail down and set Mainsail. Man on Deck. Course S 44° E 130' Lat 35° 6' Long 71° 33'								
2	7										
3											
4											

Thursday 6 of September

1	8		First part of the day strong breeze with squally weather, end bend the Jib, made it at, and back at again by 7 P.M. later an wind a little lighter with clear weather set Foretoprail at 11 P.M. at 6 A.M. set Mainsail rest of the day pleasant breeze. Pump attended to. Martin at duty get.								
2	6										
3	5										
4	5										
5	4										
6											
7											
8											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
E 44° E	115'	22'	112.8	35° 29'	35° 28'	1 1/2° P	136'	71° 39'	71° 39'

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fris	day of	Septer	7	188
				Direction.	Force.		Air.	Water.							
1			Most of these 24 hours calm, lowered Mainsail hauled Flyjib												
2			and Foreails down at 5 P.M. at 7 P.M. little wind came												
3			from the S.W. set Mainsail, at 8 P.M. lowered at again												
4			vessel rolling to heavy, at 1 A.M. lowered Foreail.												
5			at 10 A.M. got sum wind from the E with drizzling rain												
6			set Main, Fore and Flyjib, at 8 P.M. took Flour and												
7			water out the Main hatch. 4 Baags Fl, Cook water												
8			Course S.E. 12 Lat S 35° 32 Long W 2° 34												

Saturday 8 of September

1			First part of this day strong breeze, later an, strong reef the Foresail and hauled the Flyjib down at 5 P.M. at 7 took Mainsail and Jib in and made am fast, and bend Stormtrysail, blowen a whole gale now with rain weather and we hove her to heading S 44° E wind from the E, at 11 P.M. sea came over and stow sum of the goods in my Boat in, at 2 A.M. wind hauled to the N. but keep her head to the sea, at 6 A.M. keep her af. took reef out Foresail, set Jib and Flyjib and steering S 44° E going 4 p.m. rest of the day moderatet gale. Barometer falling get, standing 29.5. Man rich get. Pump attended to.								
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 44° E	53'	16'	10.3	35° 48'		2° P	66'	71° 32'	71° 32'

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Sunday of Sept 9	1883
				Direction.	Force.		Air.	Water.				
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

First part of this day moderate gale, at 3 P.M. wind dying out, B. very low 29¹⁰ at 4 P.M. found both Boats over and lost and later an calm, at 4 P.M. lowered Fore and main at last at 4 A.M. B. 29¹⁰ wind came from the S. at 6 reefed Fore and set at, at 8 A.M. weather looking very black, hauled Tib down and made at last set at again at 9. rest of the day strong breeze with heavy rain squalls. Man sick get. Pumping.

Cours ESE 62' Lat S 36° 12' Long W 11' E 38'

1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Monday 10 of September

First part of the day strong gale with cloudy and drizzling rain weather. Later on blown to whole gale took Tib in, at 10 P.M. at 6 A.M. took Fore and main sail in, blown now a storm, and very high sea running. Pumping attended to.

Cours. E by N 82' Lat. 36° Long E 1° 40'

Thursday 11 of September

These 24 hours blown a whole gale at 4 A.M. set Fore and sail at 5 set Tib and den kept her at going SE by E with B. rising at 30. sick Man below get. Pumping attended to.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
NE	116	82.0	82.0	S 34° 52'	34° 30'	2 P	100'	E 3° 20'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wednesday of Sept 12	188
				Direction.	Force.		Air.	Water.				
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

These 24 hour moderate gale, but squally and cloudy weather at 1 P.M. took reef out Main sail, at 11 P.M. set Flying jib, at 8 A.M. took a 34 Caper of Dreadnaught the Main hatch, put at in after, and open at. Bill got his two finger pretty near cut off by at, at 10 A.M. set Fore and main sail. Bill below now sick. Pumping attended to.

Cours E. 180' Lat S. 34° 43. Long E. 6° 30'

Thursday 13 of September

First part of the day strong breeze at 4 P.M. took Fore and main sail and Flying jib in, at 5 P.M. took Topsail down and heisted double reef Main sail, wind lighter now from the S with cloudy weather, later calm, put the vessel on the other tack, rest of the day light wind from the N.E. set Fore and main sail and Flying jib. Bill and Cook again but can do no work. Spt Miner is worked on the Boat. Pumping attended to.

Cours ESE 30' Lat S 34° 48. Long E 6° 58.

Friday 14 of September.

These 24 hours pleasant breeze from the N with clear weather, took reef out Main sail and set Top sail at 8 P.M. Spt Miner worked on the Boat. Pumping attended to.

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
ESE 3/4 E	145'	35'	140.7	S 35° 23'	35° 25'	2'	E 170'	E 9° 34'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Saturday of September 1883
				Direction.	Force.		Air.	Water.			
1	7		There 24 hours strong breeze with fine weather.								
2	7		all sails set, Captain worked on the Boat got.								
3	7		Pumps attended to								
4			Course E by S 184 Lat S 35° 54. Long E 12 42.								
5											

Sunday 16 of September

1	7		There 24 hours strong breeze, first part fine weather								
2	7		rest cloudy. Pumps attended to								
3			Course. E 3/4 S 162 Lat S. 36° 17 Long E 15° 50.								

Monday 17 of September.

1			Past the Cape of Good Hope.								
2	7		First part of the day strong breeze with cloudy weather								
3	7		Later an wind moor from aft wings her out in the								
4	7		morning fore sail got aback and broke the boom								
5	7		of the basket. rest of the day light wind with mist								
6	7		weather. Captain worked on the Boat. Pumps attended to								
7			Course. E by S 140 Lat. S. 36° 44 Long E 18° 40.								

Tuesday 18 of September

1	8		First part of the day a strong breeze with cloudy weather								
2	8		later on a strong gale, put two reef in the M. sail and								
3	8		made Top sail and Flying jib fast at 1 A.M. at 6 A.M. made M. sail								
4	8		fast. B. falling, rest of the day a strong gale. Pumps at. to								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
E by S 160'	80'	80'	135.5	38.°6	38°4	3 P	E 168'	21°31	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wednesday of Septber 19 1883				
				Direction.	Force.		Air.	Water.							
1	9		First part of this day a strong gale, later on blowing												
2	9		harder, put a reef in the Fore sail at 4 P.M. from the M.												
3	8		at 6 A.M. wind lighten a little and we set Storm try sail.												
4	8		rest of the day moderate gale. Pumps attended to												
5	6		Course, E by S. 154. Lat 38° 34 Long E 23° 34.												

Thursday 20 of Septber.

1	3		There 24 hours light wind from the W. heavy Sea running								
2	3		kept under short sail. Pumps attended to								
3			Course S E by E 1/4 E 60 Lat S. 39° 4 Long W. 26° 39.								

Friday 21 of Septber

1			There 24 hours light wind from the N. heavy Sea								
2			got took reef out Foresail set Top sail. at 2 P.M.								
3			at 9 A.M. took reef out the Main sail. Pumps at. to								
4			Course E 1/2 N 60 Lat. S. 38° 58. Long E 28° 46.								

Saturday 22 of Septber

1			First part of this day light wind from the N. with clear								
2			weather, later on calm lower the Main sail and								
3			made at fast, rest of the day strong breeze from the								
4			S.W. at 6 A.M. set Main sail at noon took the reef out								
5			the Main sail and set M. Top sail.								

Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
E 1/2 S	80'	8'	79.2	39°8	39°8	3 P	E 102'	E 30°38	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Sun	day of	23	Sept	188
				Direction.	Force.		Air.	Water.							
1				First part of the Day a strong breeze from the S.W. with											
2				Clear weather, at 4 P.M. made the Topsails fast, later an											
3				calm vessel rolling very heavy lowered Main'sail put											
4				1 reef in and made it fast, at 11 P.M. got a breeze again											
5				set the Main'sail at 2 A.M. rest of the Day strong											
6				breeze from S.W. with cloudy weather.											
7				Pump attended to											
8				Course E 1/4 S. 152 ' Lat S. 39 34 Long E 33 50											

Monday 24 of Septber

1			First part of the calm vessel rolling heavy, made												
2			the Main sail boltrop, lowered the Main sail down												
3			put bent Hornet's sail, and the Main sail mended												
4			later an lowered the Fore sail, Tib and Flyjil at												
5			midnight came a little wind set the Tib. at 3 A.M. an												
6			stronger from the N. set Fore sail, at 6 A.M. set Flyjil												
7			and Fore sail, rest of the day strong breeze												
8			Barometer falling Pump attended to												
9			Course E 1/2 S. 152 Lat S. 39 34 Long E 35 3												

Tuesday 25 of Septber

1			First part of this day strong breeze from the N.E. with												
2			cloudy and squally weather made Fore sail fast, later an												
3			wind hauled more to the E. with heavy rain, but very												
4			little wind made Flyjil fast at 8 P.M. at 11 P.M. reefed												
5			Fore sail, stop rain, at 2 A.M. wind hauled to the												
6			S.W. at 3 A.M. had sun drizzling rain, rest of the												
7			day moderate breeze but cloudy weather set Flyjil												
8			open a Barrel Beef today Pump attended to												
9			Course E 1/2 N 50 Lat S. 39 29 Long E 36 8												

Wednesday 26 of Septber

1			First part of this day moderate breeze from the S.												
2			with cloudy weather, later an wind hauled more to the W.												
3			in the morning set Flyjil and took the reef out the Fore												
4			sail, at 10 A.M. took Hornet's sail down and set Main												
5			sail rest of the strong breeze. Pump attended to												
6			Course E N E 1/2 E 108 Lat S. 38 58 Long E 38 21												

Thursday 27 of Septber

1			First part of the day strong breeze with clear weather												
2			from the S.W. later an cloudy with fallen winds rest												
3			of the day moderate gale. Pump attended to												
4			Course E 1/2 E 129 Lat S. 39 39 Long E 41												

Friday 28 of Septber

1			First part of the day moderate gale from the S.W.												
2			with cloudy weather later lighter, rest of the day calm												
3			hauled Flyjil down lowered Fore sail and Main sail												
4			down and made am fast. Pump attended to												

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
E	112	39 38	112	S 39 38	39 38	3 P	140	E 43 25	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Date day of <i>October 29</i>	188 <i>3</i>
				Direction.	Force.		Air.	Water.				
1										First part of the day calm later an light wind from N.E.		
2										set Mainsail and Flying jib rest of the day moderate gale		
3										with cloudy and squally weather reefed Mainsail and		
4										made Flying jib fast again. Billed on Deck again but can		
5										do no work get. Pumps attended to		
6												
7										Course E by S. 100 Lat S 40 Long E 45° 33		
8										Sunday 30 of <i>October</i>		
9												
10										First part of the day moderate gale from N.E. set		
11										Flying jib at 2 P.M. at 3 put a other reef in the Mainsail		
12										and made Flying jib fast again. at 6 P.M. wind blown		
1										harder put yards in the Fore sail, at 12 midnight		
2										hauled Tib down and made off ast, at 4 A.M. commens		
3										rainen rest of the day strong gale, warst lee Port		
4										Pumps attended to		
5										Course E ½ S. 150. Lat S. 40° 14 Long E 48° 59		
6										Monday 1 of <i>October</i>		
7										First part of this day a strong gale from N.E. with		
8										misty weather reefed Tib at 1 A.M. wind dying out vessel		
9										rolling heavy made Mainsail and Tib fast. Barometer falling		
10										rest of the day light wind from E.E. set Mainsail		
11										and Tib. had sum rain. pumped sum water on Deck.		
12										Pumps attended to		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>E by N</i>	<i>80</i>	<i>16'</i>	<i>78° 5'</i>	<i>39° 58'</i>		<i>2 ½ S</i>	<i>E 101</i>	<i>E 50° 40'</i>	

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Date day of <i>Oct 2</i>	188 <i>3</i>
				Direction.	Force.		Air.	Water.				
1										First part calm with hazy weather, later an got a little		
2										wind from the E.E. rest of the day strong gale, made		
3										Tib fast at 3 P.M. at 8 P.M. made Mainsail fast and		
4										bent Storm try sail. Pumps attended to		
5												
6										Course N.E. ½ E 54. Lat S 39° 25 Long E 51° 32		
7												
8										Wednesday 3 of <i>October</i>		
9										First part of the day moderate gale at 4 P.M. reefed Tib		
10										later an wind dying out, at 4 A.M. wind hauled round		
11										to the N. 8 P.M. I sent a man aloft and he fell		
12										overboard and by the time we got the boat over run		
1										rest of the day moderate gale (hair's Name) strong gale		
2										Barometer falling very low. Pumps attended to		
3												
4										Course E by S. 60 Lat S 39° 33 Long E 52° 45		
5										Thursday 4 of <i>October</i>		
6										First part of this day moderate gale from the S		
7										took Tib in at 2 P.M. later an blowing stronger		
8										at 4 P.M. hauled round to the S.W. with heavy		
9										rain & squalls, rest of the day strong gale with		
10										hail squalls, Barometer rising. Pumps attended to		
11												
12												

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
<i>E ½ N</i>	<i>230'</i>	<i>13'</i>	<i>229.3'</i>	<i>39° 40'</i>	<i>39° 35'</i>	<i>2 P E</i>	<i>295'</i>	<i>57° 55'</i>	<i>X</i>

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fri day of Ovr 3	1883
				Direction.	Force.		Air.	Water.				
1										First part of the day strong gale from S.W. with heavy		
2										hail squalls, later on wind moderated a little and we		
3										put til an, rest of the day light wind, took reef out the		
4										Fore sail set Main sail Topsail and Flyjib.		
5										Pumps attended to		
6										Cours E 1/2 N 168' Lat S. 39° 21' Long E 61° 31'		
7												

Saturday 6 of Ovr

1										First part of the day light winds with clear weather		
2										from the S.W. part of S. topsail sheet, stowed up		
3										and made at fast, later on calm, hauled Flyjib down		
4										lowest Main and Fore sail, at 11 P.M. got a little		
5										wind from the N. set Fore sail again, at 3 A.M.		
6										got more wind, set Main sail abbel reef set		
7										and Flyjib, at 6 set Fore sail, rest of the day		
8										strong breeze with usually weather clewed Fore		
9										topsail up at noon and made at fast. Barometer falling		
10										Pumps attended to		
11										Cours E 1/2 S 110' Lat S. 39° 27' Long E 63° 6'		
12												

Sunday 7 of Ovr.

1										First part of the day moderate gale, with usually weather		
2										from N. took till in at 2 P.M. at 3 took Main sail in and		
3										set Stormy sail, at 4 reefed Fore sail, blowing now a strong		
4										gale with rain squalls, later on moderated a little		
5										at 4 P.M. had heavy rain and den wind hauled round to		
6										the W. set the til again at 4 A.M. rest of the day		
7												

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by D. R. Lon. by Ob.

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	day of	1883
				Direction.	Force.		Air.	Water.				
1										Strong breeze ran a new T. halliard and Main and		
2										Fore boom Takel falls.		
3										Pumps attended to		
4										Cours E 1/2 S 150' Lat S. 39° 48' Long E 66° 17'		
5												

Monday 8 of Ovr

1										First part of the day light wind with rain and strong		
2										puffs from the N. later on strong breeze, rest of		
3										the day strong gale with heavy squalls set til at 8 A.M.		
4										for make the vessel steering better.		
5										Pumps attended to		
6										Cours E 1/2 N 110' Lat S. 39° 38' Long E 68° 48'		
7												

Thursday 9 of Ovr

1										First part of the day strong gale with heavy squalls from		
2										the S.W. later on moderate a little wind more from		
3										the W. rest of the day light wind vessel rolling heavy keep		
4										her by the wind, took rum Flour and water out the Main		
5										hatter.		
6										Pumps attend. to		
7										Cours E 1/2 N 165' Lat S. 39° 20' Long E 72° 20'		
8												

Wednesday 10 of Ovr

1										First part of this day strong breeze from the North, today		
2										weather, getting stronger with rain, made Fore topsail fast		
3										later on blowing a strong gale reefed Fore sail and til fast		
4										at 8 A.M. at 12 midnight putting reef in the Fore sail blowing		
5										now a whole gale, rest of the day a Storm, took in Storm		
6										try sail and Fore daysails.		
7										Pumps attended to		

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by D. R. Lon. by Ob.

E 1/4 N	150'	8'	147.8	S 39° 13'	39° 12'	2 P	193'	E 75° 35'				
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs' day of Oct 11	1883
				Direction.	Force.		Air.	Water.				
1										There 24 hours blowing a strong gale, from the N with heavy squalls, at 4 A.M. set Stormtrysail. Second mate, got hurt at a deck and is laid up now.		
2										Pumps attended to		
3										Course E 197 Lat 9 39° 9 Long E 89° 40		
4												
5												
6												
7										Friday 12 of Oct		
8										First part of the day strong gale with heavy squalls from N.W. later an moor to the W. rest of the day moderate gale, set Tib and took one reef out the Fore sail, one of the men lift a reef point fast, and by loosing the earing lost the gale. Second Mate below		
9										Pumps attended to, yet.		
10										Course E 177 Lat 9 39° 13 Long E 83° 37		
11												
12												
1												
2												
3												
4										Saturday 13 of Oct		
5										First part of the day moderate gale with cloudy and squally weather from the N.W. later an lighter, rest of the day strong breeze, set Flying jib reef out the Fore sail and Fore topsail. Second Mate below yet.		
6										Pumps attended to		
7										Course E 2 N 150 Lat 9 38° 59 Long E 86° 14.		
8												
9												
10												
11												
12												

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Sund day of 14 Oct	1883
				Direction.	Force.		Air.	Water.				
1										First part of the day light breeze with cloudy weather from the W. took Stormtrysail down and set the reef Main sail, later an lighter vessel commences rolling, lower Main sail and made at fast again, at 12 midnight got a little wind again, at 6 A.M. set Main sail, at 8 A.M. lower Fore sail and mended at, rest of the day strong breeze. S. M. below yet. Pumps attended to.		
2										Course 110 E 3/4 S. Lat 9 39° 18 Long E 89° 4		
3										Monday 15 of Oct		
4										First part of the day strong breeze with clear weather from the W. took one reef out the Main sail, set Fore and Top sail at 4 P.M. set Main topsail wind hauled moor to the N. later stranger made N. topsail fast rest of the day strong breeze with drizzling rain S. M. below yet. Pumps attended to		
5										Course E 1/4 S 184 Lat 9 39° 24 Long E 93° 3.		
6										Tuesday 16 of Oct		
7										First part of the day pleasant gale with cloudy weather and drizzling rain, later an stranger, at 6 P.M. took Fore and in and second reef in the Main sail, at 11 P.M. reefed Top sail and made Flying jib fast, blowing now a strong gale, S. very low rest of the day moderate gale from the N. set Flying jib again S. M. below yet. Pumps attended to		
8												
9												
10												
11												
12												

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
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E 1/4 S	188	38'	194.2	40° 3	40° 2	1 3/4 N	250'	97° 33	
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H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wednesday of Oct 17	1883
				Direction.	Force.		Air.	Water.				
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Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
E 1/2 S	210'	20.6	209.0	41° 47'		1 1/2 P	278'	113° 24'	

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Sun day of Oct 21	1883
				Direction.	Force.		Air.	Water.				
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12												

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 1/2 E 1/2 E	148'	73	126.3	46° 26'	46 27		E 179'	E 131 1/2	

H K F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fri day of Oct 26	1883
		Direction.	Force.		Air.	Water.				
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12										

First part of the day light wind with clear weather from the N. took a Cab of Broom out the Main and put it in the Afterhatch, later on calm. rest of the light breeze from the S. took reef out Fore and Main sail and set Toprails. Course E 2 S 64. Lat S 46° 33' Long E 132° 31'

Saturday 27 of Oct

First part of the day pleasant breeze with clear weather from the S. took the first reef out the M. sail later on stronger made Main top rail fast. at 9 P.M. Top rail and Flying jib fast. at 11 P.M. put two reefs in the M. and one reef in the Fore. rest of the day blowing a gale. Pumps attended to. Course E 1/2 S 125. Lat S 47° 16. Long E 135° 40.

Sunday 28 of Oct

These 24 hours strong breeze with cloudy weather from the S. Pumps attended to. Course E 1/2 S 160. Lat S 48° 32 Long 139° 7

Monday 29 of Oct

These 24 hours strong breeze with cloudy weather from the S. Pump water all dead. S. P. A. to.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D. R.	Lon by Ob
S 47 E 1/2 E	120	54'	106.7	49° 29	49° 24	1/4 P	15' 9"	141° 6	

H K F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Thurs day of Oct 30	1883
		Direction.	Force.		Air.	Water.				
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12										

These 24 hours strong breeze with cloudy and squally weather from S. Pumps attended to. Course S 4 E. 150 Lat S. 51° 10 Long E 144° 24.

Tuesday 31 of Oct

First part of the day, a gale with cloudy weather from the N. later on wind hauled round to the S. blowing a strong gale, made Main sail fast and set Storm try sail at 10 P.M. at 3 A.M. put second reef in the Fore sail, made Fore stay, and Storm try sail fast blowing a Storm now. Barometer been very low, but rising now, rest of the day strong gale, set Try sail again. Pumps attended to. Course E 1/2 S. 120' Lat S 51° 28 Long E 147° 29

Thursday 1 of November

First part of the day a gale with clear weather from the S. at 4 P.M. put one reef out the Fore sail set Fore stay and Tib, and put her on her Course, later on strong breeze with cloudy weather from S.W. Barometer rising fast. rest of the day moderate gale S with clear weather from the S. Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon by Ob.
S 47 E 1/2 E	125	53'	115.9	52° 23	52° 21	1 P	184	150° 33	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
Y 64 84 8	158'	64	138.6	54° 37'	54° 35'	13	220'	158° 20'	

[illegible]

H	K	F	COURSES.	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Wednes' day of Novr 7	1883
				Direction.	Force.		Air.	Water.				
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12												

First part of the day strong breeze with clear weather from the W. & at the Island again an over Lee, at 8 PM took in the light sails and hove her two, at 9 PM reefed Fore and Main sail blowing pretty strong now, at 12 midnight wore ship, at 3 AM kept her off towards the N point, got round the point and dropped boat over Anchor, and then got breakfast. after that put my boat out and I went with my crew to look for seals, but found none, saw plenty Rabbits and I shot 3, rest of the crew took rum, Flour, Water and Butter out, and I attended this day.

Thursday 8 of Novr

First of the day blowing at strong breeze from the N.W. with drizzling rain, blowing strong at Night in the morning wind hauled round to the S. and we flag to her Anchor, started an the Starboard Anchor and found at 9 AM, hove up the other and went off the Land and then hove her two, and waited for moderate wind, in the afternoon moderate, and we went to Anchor again, put both boats out, and tried to fish the other Anchor, after trying till 6 o'clock time went on board, heeled boats in and kept good Anchor, and then going to try at in the morning again, and I attended this day.

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. by D. R.

Lon. by Ob.

H	K	F	COURSES	WINDS.		LEEWAY.	THERMOMETER.		BAROMETER	REMARKS	Fris day of Novr 9	1883
				Direction.	Force.		Air.	Water.				
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This day wind from the W. had the two boats out, and was finished for that Anchor, but didn't find at, P. at. to.

Saturday 10 of November

This day light wind from N.W. took Anchor, got, finish for the Anchor, but didn't find at, Second Mate and one Man kept night watch. Pumps attended to.

Sunday 11 of Novr

This day started in the morning, but the weather got sick and we went on board, in the afternoon Captain and Stuart went ashore to shoot Rabbits and fished 14 on board, heeled boats in, and I attended to.

Monday 12 of Novr

This day started again, in the morning, for over Anchor but the wind hauled to the N. blowing pretty hard, and we had to go on board heeled boats in, hove Anchor and hove her two under Fore sail. P. at. to

Tuesday 13 of Novr.

This day wind from the N. with foggy weather, put on moor's sail, and commenced going back again, to try at again to look for over Anchor, open one B. Beef. Pumps attended to.

Course.

Distance.

Diff. of Lat.

Departure.

Lat. by D. R.

Lat. by Ob.

Variation.

Diff. of Lon.

Lon. by D. R.

Lon. by Ob.

[illegible][illegible]

1883.

July 11.	1 Barrel Beef	Pork 2	1 T Butter
" 14.	1 Cakes Bread		
August 4.	1 B. Beef.	3	
" " 9.	4 Bags Flour		
" " 14.	1 Cakes Bread		
" " 28	1 Barrel Beef.	4	
" " 30	1 " "	Pork 5	
Sept. 7	4 Bags Flour		
" " 24	1 Barrel Beef.	34. 209. 9	
" " 12	1 Cakes Bread		
Oct. 18	1 B. Beef.	1 B. Pork 8	
" " 9	4 Bags Flour		
" " 25	1 Cakes Bread	32. 183. 9	
Nov. 7	3 Bags Flour	1 T Butter	
" " 13	1 Barrel Beef.	4	

